

19990830.qrp v01_n564.qrl.990830

Date: Mon, 30 Aug 1999 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1564

QRP-L Digest 1564

Topics covered in this issue include:

- 1) [48788] Re: XTALs in PSpice
by Bob Nielsen <nielsen@primenet.com>
- 2) [48789] RE: Bow and Arrow
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 3) [48790] QRP Portable in VK4, Queensland, Au
by SMurph555@aol.com
- 4) [48791] BUBBA NM style!
by tom whalen <wb5qyt@eFortress.com>
- 5) [48792] Re: DSW 40/20/30 setting bfo offset
by "Bruce Prior" <n7rr@hotmail.com>
- 6) [48793] Re: [Fw: Re: [To Call or Not to Call CQ]]
by Roy Lincoln <wa4dou@usa.net>
- 7) [48794] OT: Software for Palm Pilot
by "Alex" <aturner@netunlimited.net>
- 8) [48795] DK9SQ information
by Dr Rick Zabrodski <occdoc@telusvelocity.net>
- 9) [48796] Re: Electronic symbols clip art
by Howard D Rubin <n3fel@juno.com>
- 10) [48797] Fw: TenTec Corsair I
by "Tim Cook" <timcook@erinet.com>
- 11) [48798] Re: OT: Software for Palm Pilot
by Phil Wheeler <w7ox@mindspring.com>
- 12) [48799] Bubba Results at KK6MC/5
by "James R. Duffey" <jamesd1@flash.net>
- 13) [48800] OT: Lew Coppes latest Tek scope list
by Michael Melland <badger@vbe.com>
- 14) [48801] Announcing "Fireball Run II" (QRPp Sprint)
by Ken Newman <N2CQ@citnet.com>
- 15) [48802] Re: DK9SQ Loop
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 16) [48803] NEED QSL manager help
by N10DL@aol.com
- 17) [48804] Re: DK9SQ Loop
by Phil Wheeler <w7ox@mindspring.com>
- 18) [48805] Bubba Joe Gets Radioactive And Loves It!
by Joe Gervais <vole@primenet.com>
- 19) [48806] NC-20 finished!, DK9SQ mast & 20 Meter GP vertical

by Dave Redfearn <n4elm@texoma.net>
20) [48807] SUPER BUBBA SIGNALS
by ARDUJENSKI@aol.com
21) [48808] Rigs for sale
by "A. Jenkins" <beaks@westco.net>
22) [48809] X-class Flare Info (8-29)
by "Paul Harden, NA5N" <na5n@rt66.com>
23) [48810] Re: Electronic symbols clip art
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
24) [48811] Re: Electronic symbols clip art
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
25) [48812] Help With Transistor Identitication
by "Randy Jouett" <rules@bellsouth.net>
26) [48813] Re: QRP Portable in VK4, Queensland, Au
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
27) [48814] Re: Bubba Results at KK6MC/5
by Russ Dow <n7dw@garlic.com>
28) [48815] First NC20 contact ... UA0FI!!
by "Kory Hamzeh" <kory@avatar.com>
29) [48816] RE: First NC20 contact ... UA0FI!!
by "Kory Hamzeh" <kory@avatar.com>
30) [48817] unsubscribe
by john <john@jooorology.demon.co.uk>
31) [48818] Re: X-class Flare Info (8-29)
by Goran Hosinsky <hosinsky@royac.iac.es>
32) [48819] Re: Help With Transistor Identitication
by Dave Marling <dbm@klis.com>
33) [48820] Papua, New Guinea P29VHX
by charles k brown <n4so@juno.com>
34) [48821] Re: calling CQ as QRP
by "Edward A Kwik jr" <eakwikjr@hti.com>
35) [48822] Re: Rigs for sale
by dfirlik@juno.com
36) [48823] Bow and Arrow PLUS hardhat
by "Alex Mendelsohn" <ai2q@ispchannel.com>
37) [48824] Re: Long wire??
by Monte Stark <ku7y@dri.edu>
38) [48825] Re: AL7FS Bubba try on 15 meters
by Bruce Grubbs <bog@flagstaff.az.us>
39) [48826] Re: Help With Transistor Identitication
by "Randy Jouett" <rules@bellsouth.net>
40) [48827] The Ultimate QRP Kit Case
by Brad Mugleston <bmug@gwl.com>
41) [48828] BUBBA: Hot !!!!!!!
by Clifton W Sikes <ab5uacw@juno.com>
42) [48829] Re: Bow and Arrow PLUS hardhat
by "Mike Yetsko" <myetsko@insydesw.com>
43) [48830] Latest:40 mtr fox hunt Teams (fwd)

- by Bruce Rattray <rattray@gpfn.sk.ca>
- 44) [48831] Re: [To Call or Not to Call CQ]
by "Jim Marciniak" <n1rui@together.net>
- 45) [48832] *** FIRST CALL FOR FOXII ***
by "Paul R. Valko" <prvalko@oakland.edu>
- 46) [48833] Radio black hole discovered !
by Allan G Taylor <k7gt@arrl.net>
- 47) [48834] Elecraft K-2 mods
by charles k brown <n4so@juno.com>
- 48) [48835] RE: The Ultimate QRP Kit Case
by "Ed Tanton" <n4xy@att.net>
- 49) [48836] Re: WWVB Atomic Clock from RS
by Karl.Kanalz@optelinc.com
- 50) [48837] re: rigs for sale update
by "A. Jenkins" <beaks@westco.net>
- 51) [48838] RE: The Ultimate QRP Kit Case
by Brad Mugleston <bmug@gwl.com>
- 52) [48839] Fox Applications Pouring in!!!
by "Paul R. Valko" <prvalko@oakland.edu>
- 53) [48840] RE: The Ultimate QRP Kit Case
by "Ed Tanton" <n4xy@att.net>
- 54) [48841] RE: The Ultimate QRP Kit Case
by Brad Mugleston <bmug@gwl.com>
- 55) [48842] Re: *** FIRST CALL FOR FOXII ***
by wd4et@juno.com
- 56) [48843] KF4CPJ Web-site
by "George Goodroe" <goodroe@worldnet.att.net>
- 57) [48844] Bubba Appreciation and Apology
by Brian Kassel <bkassel@dancris.com>
- 58) [48845] No Bubba
by Ed Loranger <we6w@qsl.net>
- 59) [48846] Re: Help With Transistor Identitication
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 60) [48847] RE: WWVB Atomic Clock from RS
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 61) [48848] 20M SSB
by JFStrain@aol.com
- 62) [48849] Re: Long wire??
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 63) [48850] RE: QRPP Summer edition
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 64) [48851] Which Kit to Build??? Part 4
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 65) [48852] Identify that Transformer
by Brad Mugleston <bmug@gwl.com>
- 66) [48853] Spring + Summer QRPP in NY
by "Richard Brummer, K2REB" <obvious@bestweb.net>
- 67) [48854] Re: Bubba Appreciation and Apology

- by Bob Patten <n4bp@bc.seflin.org>
- 68) [48855] Re: Bubba Joe Gets Radioactive And Loves It!
by Bob Patten <n4bp@bc.seflin.org>
- 69) [48856] RE: Bow and Arrow PLUS hardhat
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
- 70) [48857] Re: WWVB Atomic Clock from RS
by "George T. Baker" <w5yr@swbell.net>
- 71) [48858] RE: The Ultimate QRP Kit Case
by "Carl Zmola" <zmola@campbellsci.com>
- 72) [48859] Re: Long wire??
by "Phinizy, William" <wphinizy@filenet.com>
- 73) [48860] RE: The Ultimate QRP Kit Case
by Monte Stark <ku7y@dri.edu>
- 74) [48861] FS: Sierra w/ 3 bands & KC2 &c
by Nils R Young <nilsbull@juno.com>
- 75) [48862] The Sierra & band modules is sold!
by Nils R Young <nilsbull@juno.com>
- 76) [48863] Re: Bow and Arrow PLUS hardhat
by n5ib@juno.com
- 77) [48864] FS: Vintage Heathkit Station - HW-101 w/accessories
by HWRM1SS@aol.com
- 78) [48865] QRPp
by Oscar A Hoyt <k5ubs@juno.com>
- 79) [48866] For sale: Ten Tec Argonuat 515
by "Roy" <ab7ce@email.msn.com>
- 80) [48867] VA Beach Hamfest
by Richard Arland <k7sz@epix.net>

Date: Sun, 29 Aug 1999 16:43:24 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: mganthon@unity.ncsu.edu
Cc: qrp-l@lehigh.edu
Subject: [48788] Re: XTALs in PSpice
Message-ID: <19990829164324.A16880@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Crystals are difficult to model in Spice because of the high value of Q. I did some modeling of crystals over 25 years ago using Fortran IV with extended double precision and got pretty good results, compared to measurements of actual quartz crystals (for an oscillator in the 60 MHz range), but Spice was inadequate for the job. The model was a series resistance, capacitance and inductance, with a capacitance in parallel with all that.

Unfortunately, I don't remember any of the parameters (it was for work

and the data stayed there).

Bob, W6SWE

On Sun, Aug 29, 1999 at 02:41:36PM -0400, Gray Anthony wrote:

> I'm looking for a way to model a XTAL in PSpice schematics. I want to do
> some experiments on some of the published designs as a learning project, but
> I'm not sure how to model the crystals, and I can't find a model in the
> default libraries, any help would be much appreciated. Please send replies
> to my email: mganthon@unity.ncsu.edu
>
> thanks,
>
> Gray KE4QIU
>

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	http://www.primenet.com/~nielsen

Date: Sun, 29 Aug 1999 19:51:49 EDT
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [48789] RE: Bow and Arrow
Message-ID: <19990829235150.29798.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Jim Durkin <jimdurkin@yahoo.com> Wrote

This year's Handbook seems to imply that a slingshot can get line up
100 feet. Is this true? It seems optimistic to me.

72/73

Jim

kt4a"

I would think it possible however with my Marksman Slingshot and 2oz sinker
I have only tried to reach branches in the 50 ft range. This works quite
well. It seems like the rubber would need to be a bit stronger for much
more than 75 ft.

At my old QTH there were big trees in a flood plain area behind my lot and a bow and arrow set up would loft a line a long distance with no problem. At my new qth my city lot has some big trees but there are neighbors garages and parked cars nearby. The slingshot seems a better (safer) idea for close in while the bow is good if you don't mind the arrow traveling a good bit past the branch.

There is no need to drill a hole in the shaft. Duct tape will hold 6lb line fine if you "zig zag" in between several layers of tape, 3 or so times. A target arrow with a 4" lag bolt taped the the end is my favorite with a 30 lb target bow. Ultra light spinning reel and 5 ft rod with helper pointing the rod at the tree works for bow or slingshot method.

73,

Paul Gerhardt K3PG
Centreville, MD

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 29 Aug 1999 20:00:03 EDT
From: SMurph555@aol.com
To: qrp-1@lehigh.edu
Subject: [48790] QRP Portable in VK4, Queensland, Au
Message-ID: <691145e.24fb2383@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi all,

I have a business trip coming up in late September, with the destination being the Gold Coast in Queensland, Australia. Thanks to the very helpful people at the Australian Communications Authority (ACA), I know how to obtain a license. But I wonder if any of the Australians who frequent this list have any advice for me. I'm thinking of operating 30M, but I could do either 20M or 40M if there's good reason. I'll take gear for only one band, though.

Any practical suggestions, especially choice of band, would be most welcome.

72/73

Cal K4JSI

Date: Sun, 29 Aug 1999 17:13:39 -0600

From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48791] BUBBA NM style!
Message-ID: <37C9BEA3.36AE@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang!

Well, I didn't burn my ---- off, but did manage to get a little burn on the top of my head! Next time I will wear a hat! Sure was a neat contest, even though I could only operate one hour. Went up to the foothills close to the house. Did not want to go to far up the mountain as the temp would certainly go down(bye bye multiplier)!

For some reason the first guy I always hear during these tests is K0EVZ, Doc. So, he was my first contact and had a boomin signal as usual.

After that contact with Doc, I noticed that my feedline came off of my Zepp. I use molex connectors to connect the 300 ohm line to the center insulator. Well, it finally went south! Murphy struck again!! So, I haywired a 20m ground mounted vertical. Had 4 radials and seemed to work pretty well. Usually dipoles work better for me especially in the mountains.

Worked 21 Q's in a little over one hour op time, and 11 states.

19 on 20m
2 on 40m

So looks like.... $21 \times 11 \times 2 \times 90 = 41,580$
Wonder where NQ7RP was??

72, and thanks Joe..contest was great fun!! Heck, didn't even get to use the Spud Chuckin' Antenna Shooter....Darn!

Date: Sun, 29 Aug 1999 17:05:47 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU
Cc: n5ib@juno.com
Subject: [48792] Re: DSW 40/20/30 setting bfo offset
Message-ID: <19990830000548.87095.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Jim, N5IB wrote:

I began to suspect that the bfo offset in my DSW40 was not correct, even after going through the very easy to perform calibrate step in Dave's instructions. The two tones being compared are so different in volume that I found it difficult to recognize coincidence of the tones.

Dave Benson mentioned to me that there is a minor firmware bug in some of the DSW rigs, which has now been corrected, apparently. The comparison tone is too low. You can "trick" the firmware into behaving properly by starting the calibration procedure as usual, but then turning off the power and on again a couple of times in quick succession. The tone should now jump up to the proper frequency. I only had to turn it off once to make it do that. I re-calibrated it in a few seconds and have had no problems at all with the offset.

If that doesn't do the trick, give Dave a call. He's really great at helping people along.

I've already had my DSW-40 along on two hikes on the still-deep snow at the Mt. Baker Ski Area, the site of the world-record total snow accumulation this winter. I had a QSO with my wife Margaret, KD7CEL, with her Novice SST. She was about 400 meters away. She was careful to arrange her dipole broadside to me so I'd be sure to hear her! Yes, she was LOUD! Even louder than my sidetone. (8=}) By the way, it's really great to have a backpack rig that covers ALL of an amateur band.

72, Bruce Prior N7RR in Blaine, WA -- one of the Mangy Mushers

Get Your Private, Free Email at <http://www.hotmail.com>

Date: 29 Aug 99 20:23:27 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: k6mgo@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48793] Re: [Fw: Re: [To Call or Not to Call CQ]]
Message-ID: <19990830002327.9884.qmail@nw177.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi Bill,
I have not been following this thread, just deleting it. My recollecti=on,

over the years, was that the standard advice, given to QRP newcomers, was=

, don't waste your time calling CQ, you'll probably get a greater return on=

time invested by answering others who are calling CQ. This wasn't a "rule." I=

t was advice, a suggestion, it wasn't carved in granite. I rather imagine that =

it was also intended to be well meaning advice.

30 years ago, when i was running 250 milliwatts with an International

Crystals OX oscillator and PAX-1 Amplifier on 7 mhz., i had little diffic=

ulty calling CQ and getting responses.

Advice, is just a "guideline", its meant to "guide" one in a certain

direction. After we get to the point that we know enough to "strike out" =

on our own, we generally start to experiment and find exactly what works for=

us,

in whatever particular style and balance that we desire.

You've already discovered that that advice isn't necessarily for you, =

since you're doing so well at calling CQ and filling your log. I didn't say it,=

i didn't write it. =

Theres a saying, "when all else fails, brute force prevails." Another =

force that generally prevails is tenacity. Tenacity goes the distance. Tenacity=

makes up for a lot of handicaps or disadvantages. I'm not at all surprise=

d that you are doing well with your antenna. I'm sure that there are many o=

thers ,doing likewise.

Perhaps the advice is outdated. There is greater popularity today in t=

he QRP arena than at anytime in the past 30-40 years,maybe longer. Call CQ o=

n any popular QRP frequency, its not at all uncommon to receive a reply from an=

other QRP'er. =

I'm sure the entire membership of the list approves of you and anyone =

else =

calling CQ anytime you please. =

=

73 de Roy Lincoln WA4DOU

-----=
- =

=

=

=

william h ross

<k6mgo@juno.com> wrote:

Roy, I have to respectfully disagree with you on this.

If you listen on the SSB end of 40M, you will hardly ever hear a "CQ", almost 90% or more of the QSO's are either nets or skeds between old friends. The only CQ's you hear are usually from a mobile.

Now, go down to the CW part of 40M. I would say that "most" of the QSO's are from a "CQ".

As far as antennas are concerned, I think that I qualify as being in the category "of not conducive to the task".

My one and only HF antenna is a 64 ft. doublet, center fed in my garage. The center 10 ft. are about 13 ft above ground, the rest of the doublet is about 9 ft above ground, wound around the walls of the garage. When operating, my two vehicles are parked right under this antenna, along with two work benches, 50 gal water heater and a 8 ft long, floor to ceiling metal storage rack.

Now, when I get on the rig, I listen for activity and if I hear a CQ, I answer it (by the way, I run 5 watts, most of the time, because my phone and cable TV run right under my antenna). =

I would say that most of the time, I make a QSO. If I don't hear anyone calling CQ, I put out a few 3X2 calls and more often than not, I get answered.

I live in So. Cal, and I routinely talk to guys in Az, No. Cal, Nv, Ut, Or. and Wa on 40M. =

When the higher bands are open, like 15M, I work mid-west and east coast,=

QRP, with good reports. I even had two JA's answer my CQ one day, on 15M,=

about 6 months ago.

So Roy, if you are saying that because I have a crummy antenna, I shouldn't call CQ, I disagree, I wouldn't make more than 50% of my CW contacts. I am not wasting my time.

73/72 and GL

Bill, K6MGO, Marina Del Rey, CA

Well said Joel. Some QRP'ers believe it isn't righteous to use good antennas, while there are some who can't erect good antennas. The advice to not waste time calling CQ is generally aimed at those whose antennas are not conducive to the task. =

Those with good antennas often find plenty of qso's resulting from calling CQ.

73 Roy Lincoln WA4DOU

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Sun, 29 Aug 1999 20:24:00 -0400
From: "Alex" <aturner@netunlimited.net>
To: <qrp-1@lehigh.edu>
Subject: [48794] OT: Software for Palm Pilot
Message-ID: <001a01bef27d\$f9416980\$3403a5d0@pentium-ii>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have a web site with links to ham/electronics type software for the 3Com Palm Pilot. Found everything but that so far.

tnx
N4BYJ

Date: Sun, 29 Aug 1999 19:02:00 -0600
From: Dr Rick Zabrodski <occdoc@telusvelocity.net>
To: qrp-1@Lehigh.EDU

Subject: [48795] DK9SQ information
Message-ID: <37C9D808.20F68A91@telusvelocity.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could somebody point me to a source explaining how this antenna performs on different bands?

Ve6gk

Date: Sun, 29 Aug 1999 20:54:15 -0400
From: Howard D Rubin <n3fel@juno.com>
To: kf2ew@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [48796] Re: Electronic symbols clip art
Message-ID: <19990829.205419.14542.0.n3fel@juno.com>

I think what I would do is create each symbol using whatever lines and circles to complete the desired image, then group them together. I would reserve one powerpoint file as a collection of these groups sorted on individual slides, i.e. one slide for resistors, one for capacitors, one for three terminal semis, another for 14pin dips, etc. Save all of these slides as a powerpoint file named something like symbols.ppt. Now whenever you want to create a schematic, just open the symbols.ppt along with your blank.ppt file and copy and paste desired symbols into your drawing.

Hope this helps,
Howard

On Sun, 29 Aug 1999 17:29:48 -0400 kf2ew@juno.com writes:
>Here's the deal: I would be happy to create a library of electronic
>symbols clip art, if someone can tell me how to create clip art! Is
>there such a thing as clipart.exe?
>
>What I want to do is create the clip art so that I can import it into
>MS PowerPoint as clip art, not as pictures, which I can do now using
>MS Paint. The problem with the 'pictures' is that I can't manipulate
>them, such as rotating the image, after importing.
>
>If someone can point me in the right direction, I'll be happy to share
>whatever I create. And as I create new ones, I'll make those
>available also.
>

>Thanks,
>Mike
>
>PS: Thanks to those of you who responded earlier about web sites.
>
>-----
>Get the Internet just the way you want it. Free software, free e-mail,
>and free Internet access for a month! Try Juno Web:
><http://dl.www.juno.com/dynoget/tagj>.

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 29 Aug 1999 21:04:17 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "[Ten Tec] -
Reflector" <tentec@contesting.com>
Subject: [48797] Fw: TenTec Corsair I
Message-ID: <054301bef283\$965457a0\$8c685acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just saw this and thought it might be of interest to folks in this
group..... not bad considering there are 3 optional filters in it...
nz8j

-----Original Message-----
From: Terry Gaiser - W6RU <w6ru@lightspeed.net>
Newsgroups: rec.radio.swap
Date: Sunday, August 29, 1999 8:05 PM
Subject: FS: TenTec Corsair I

>Good working condition Corsair one with all optional filters. No power
>supply. \$ 400.00 shipped.
>Terry W6RU
>
>

Date: Sun, 29 Aug 1999 18:22:38 -0700
From: Phil Wheeler <w7ox@mindspring.com>

To: aturner@netunlimited.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48798] Re: OT: Software for Palm Pilot
Message-ID: <37C9DCDE.F0226531@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alex wrote:

>
> Does anyone have a web site with links to ham/electronics type software for
> the 3Com Palm Pilot. Found everything but that so far.
>

The most robust site is PGHQ:

<http://www.palmgear.com/>

There is some ham-related stuff there, but not a lot. I have it as my home page in Netscape (own a Palm III with 8 megs of RAM and a IIIX with 8 megs of RAM & 4 megs of EEPROM [2.8 megs of which I can store things in]).

But one of the staff (a friend, Ken Wright) is a ham. Send him a msg and he can tell you what is there.

Phil

Date: Sun, 29 Aug 1999 19:25:57 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-1@lehigh.edu
Subject: [48799] Bubba Results at KK6MC/5
Message-ID: <199908300125.UAA18470@chupacabras.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I just got back from my Bubba field expedition. I worked 20 M and the conditdions stunk. I called CQ on 40 M several times with no action what so ever. Lots of QSB on 20 M.

The preliminary tally here is 43 stations in 19 SPCs. High temperature was 95 F (thermometer in sun) and low was 82 when a thunderstorm came through. Dew point was 50 F. I will calculate the score later.

I used a QRP Classic 20 M and 40 M rig. An inverted Vee (20 M and 40 M parallel sections) at 20 feet was the antenna. I was at Gallisteo Dam (Jay WA5WHN's suggestion) which is a pretty good radio location. I used solar power with a battery.

Highlights include KI6DS as my first contact - what a way to start a contest, Doc K0EVZ in ND, Jay, W5JAY, and Bob, N4BP. Signals were up and down and Bob was as weak as I have ever heard him, although I worked him on the first call which is pretty unusual. Skip was short on 20 M and I worked a lot of Texans. No AZ SQRPIons though.

I operated about 3.5 hours, having missed one turn on the trip to the site made me about a half hour late.

Did others find the conditions were bad? Did anybody work 40 M successfully? I did somewhat regret not taking the 850 for 15 M. Please don't tell me it was wide open.

I got rained on a bit and the wind came up after the antenna was erected. Typical of NM field operations. See you for QRPRRF.

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 29 Aug 1999 20:39:04 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [48800] OT: Lew Coppes latest Tek scope list
Message-ID: <37C9E0B8.C83C648@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FOR SALE - TEKTRONIX OSCILLOSCOPES
2235, \$400
2246A, \$600
434, \$125
454, \$125; with cover, \$175
465M, \$250
466 with DM44, \$300
7603 with 7B53A & 2-7A18, \$200
7603 with 7B53A & 2-7A26, \$225
7633 with 7B53A & 2-7A26, \$250
7834 with 7A19, 7A26, 7B85, 7B80 \$450

7904A, \$300
7904 with 7A19, 7A26, 7B53A, 7B92A \$500
7934, \$400
7A18A, \$40
7A18, \$35
7A29, \$150
7B10 or 7B15 your choice \$125
7B53A New-in-box with manual, \$75
P6019 or P6021 Probe kit, your choice, with 134 Amp & Pwr Supply, \$150
P6021 Probe, \$75
P6201 Kit, \$250
P6202A Kit, \$175

All with 30-day warranty, 10-day right-of-return.
Coppes Enterprises, 520-749-8471

--

Lew Coppes
lcoppes@primenet.com Voice: 520-749-8471 Tucson, AZ FAX: 520-760-7780

Disclaimer: I do not profit from posting this list nor have I ever even met Lew. However, I have purchased several instruments from him at what I think are excellent prices and terms in the past year and I have consulted with him over the phone on purchases and test equipment usage. I'm just a satisfied customer.

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Sun, 29 Aug 1999 21:49:10 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [48801] Announcing "Fireball Run II" (QRPp Sprint)
Message-ID: <3.0.6.32.19990829214910.008a6500@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Fireballers,

Did you get your Jersey Fireball or Fireball+ kits from NJQRP finished yet? Many have done it in time for the Fireball Run I a few months ago. If you did it since then, Great! You now have a chance to run it in September during Fireball Run II to check it out!

You mean to tell me you STILL didn't do it YET? Well....

NOW IS THE TIME to melt solder on those Fireballs to get it in the FIREBALL RUN II. This little sprint (one of many?) should be a fun event. Lets play with Fireballs!

What is a Fireball? Check <http://www.njqrp.org> to find out.

Future kits from NJQRP: Receiver companion and VFO for the Fireball.

~~~~~

## FIREBALL RUN II

### Purpose:

The NJ QRP Club announced this event to have the 600 + Jersey Fireball kits wired up and on the air. (It's FUN too.)

### GENERAL:

The RUN is based on the QRP ARCI Contest rules that most know well.  
Fireball users are the members with numbers #1 or #2.  
Local time used for the contest.

### WHO CAN ENTER:

Stations with Fireball, Fireball Plus (Amp kit fitted), or ANY OTHER RIG.

### DATE/TIME:

Sept 25, 1999, 0900-1200 LOCAL TIME

### FREQUENCY:

7.080 MHZ primarily but you may use 3.540, 14.161 and 28.322 MHZ also.

### EXCHANGE:

Fireball User - RST, S/P/C, #1  
Fireball Plus User - RST, S/P/C, #2  
Non-Fireballer - RST, S/P/C, Power Out

### QSO POINTS:

Fireball or Fireball+ = 5  
Non-Fireballer, different continent = 4  
Non-Fireballer, same continent = 2

### MULTIPLIERS:

S/P/C (State/Province/Country) total for all bands.

The same station may be worked on more than one band for QSO points and SPC credits.

POWER MULTIPLIER:

0-50 mw = X 20; 50-250 mw = X 15; 250 mw - 1 W = X 10; 1-5 Watts = X 7;  
Over 5W = X 1

(Ok we gave the Fireball at 40 mw a break!)

SPECIAL FIREBALL MULTIPLIER:

If your xmtr is a Fireball or Fireball+ with 100% QSOs, your score may be multiplied by 2 for Fireball or by 1.5 with Fireball+ for the final score.

FINAL SCORE:

QSO Points x SPC X Power Mult X Fireball Mult = Final Score

OPERATING RESTRICTIONS:

Being a single frequency on each band, no station should call CQ to hold the frequency. When you call CQ or QRZ, don't do it again for 30 seconds unless another station does so.

MORE DETAILS:

Entry includes a copy of the logs and a separate summary sheet.

Include duplicate check sheets with entries of 100 QSOs or more.

Include a legible name, call and address.

All entries must be received within 30 days of the contest date.

Indicate the output power for each band. The highest power used will determine the power multiplier. Output power is considered as 1/2 of input power. Include a description of homebrew equipment, commercial equipment, and antennas used with each entry.

Include an SASE with your entry for a copy of the results. Results will be posted on QRP-L and the NJQRP Web Site, <http://WWW.NJQRP.org>

The final decision on all matters concerning the contests rests with the contest manager. ETC, ETC, ETC.....

Entries are welcome via E-Mail to N2CQ@ARRL.NET, or by mail to:

Ken Newman, N2CQ  
81 Holly Drive  
Woodbury, NJ 08096

72 de

Ken Newman - N2CQ  
Woodbury, NJ

N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~  
<http://www.njqrp.org/data/contesting.html>

~~~ NJ QRP Club Callsign ~~~  
WQ2RP

-----  
Date: Sun, 29 Aug 1999 22:19:19 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: wd4et@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [48802] Re: DK9SQ Loop  
Message-ID: <199908300219.WAA23894@sparticus.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I have the loop and the mast for sale (I also have the 80/40 trap dipole - I do not have the 2m/440 beam...) There are pictures of the mast on my web site (URL below) I have taken pictures of the loop, but it is hard to see much of anything in the picture!

The mast is \$99, the Loop is \$89, and s/h is \$5 for each, i.e., \$10 if you order them both. I do take VISA or MC.

Advivium and I are both currently out of the loop. I expect they will arrive from Germany in the next couple of weeks. Walter tells me they are out over there also!

The loop consists of the wire, a junction box with balun and SO-239 feed point that mounts on the mast, and a collapsible cross arm (two pieces) that mounts on the junction box. Wire that looks like what I would call "zip cprd" goes from the junction box to the corner of the loop. At the opposite point in the loop there is a jumper that is open on 40 and 10, and shorted on 15 and 20. A tuner is required on all bands. DK9SQ does not mention 12 and 17 meters in his documentation, but I know several have used it on those bands also. I connected the loop (jumper shorted) and it seems to resonate just below 14 MHz.

Hope that answers most of the questions.

> Pardon me if this has already been posted.  
>

> Where can I find info on the DK9SQ loop?  
>  
> Thanks, Jeff  
>

73 - Bill - N8ET  
Kanga US  
kanga@mail.bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604

-----  
Date: Sun, 29 Aug 1999 22:20:59 EDT  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [48803] NEED QSL manager help  
Message-ID: <ca69de01.24fb448b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I Just finished a nice QSO with Alfio, I0FAN. He asked me to QSL via manager.  
I can't seem to find a manager listed for him anywhere. I was calling CQ on  
my OHR400 at 3 watts and he came booming in. He is located in Terni, Italy.  
Any suggestions?  
Thanks in advance  
Aron  
N10DL/qrp  
Bedford, NH

-----  
Date: Sun, 29 Aug 1999 20:06:53 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: kanga@bright.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48804] Re: DK9SQ Loop  
Message-ID: <37C9F54D.EE58F7F7@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill Kelsey - N8ET - Kanga US wrote:  
>

> I have the loop and the mast for sale (I also have the 80/40 trap dipole -  
> I do not have the 2m/440 beam...) There are pictures of the mast on my web  
> site (URL below) I have taken pictures of the loop, but it is hard to see much  
> of anything in the picture!  
>  
> The mast is \$99, the Loop is \$89, and s/h is \$5 for each, i.e., \$10 if you  
> order them both. I do take VISA or MC.  
>

Good clarification, Bill. But I could find mention of the mast only  
(not the loop) or would have ordered from you (easier with credit  
card!). OTOH, I do have both, rady to go .. when I get the time .. in my  
shack.

If the loop does not show on your web site, or is not easy to find, you  
may want to fix that.

BTW -- the loop pix at one of the sites I posted are enhanced (and noted  
to be), so you can see the loop (several, actually).

Phil W7OX

-----  
Date: Sun, 29 Aug 1999 20:22:38 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [48805] Bubba Joe Gets Radioactive And Loves It!  
Message-ID: <199908300322.UAA29103@usr06.primenet.com>

(Crawls out of cave, dusts cobwebs off of shoulders....)

Howdy Folks,

Well that was BUBBA-rific! On the air twice in  
two months - I'm on a roll. \*8-) Checked the  
solar flux before I started, and decided to spend  
the 1.5 hours I had available on 15M. Paid off  
well!

Worked both AL7FS and KL7H in Seward's Folly,  
'Gator Bob N4BP down in FL, W1VT Zack in CT, and  
everywhere in between. Basically all of North  
America, except for the close-in states. 15M never  
died, just ran out of sigs to work! Heard N4BP  
and W1VT calling CQ throughout the day, but  
answers were sparse by the end. Time to get those

15M rigs up and running folks! Sigs were usually solid, no fading, few weak ones.

Highest temperature received was from N4BP Bob, down in HumidLand, FL (94F). Coldest temp was a tie between KL7H (AK) and KG2H (NY), both at a lovely 55F. Man that sounds nice! Topped out here at 102F (setting up in the "hotspot" of the backyard helped), but the darn breeze kept coming along and knocking the temp down 3-5 degrees. Argh!

Thanks to everyone who came out for the fun. As always, the ScQRPions sponsor these events, but without all of you joining in it would just be a rather lonely AZ groundwave net. \*8-)

Sorry to hear the other bands were mushy for many of you. With all that top-notch beer Duffey was supplying at Tuthill, I'd hoped we could've provided better bands for y'all! Just wait 'til next year.... ;-)

Not-Quite-Thorough-Transcript follows (typed in fast - need to get working on some stuff):

(All 15M, 1.5 hours)

N4BP FL  
K4KJP GA  
W4ED GA  
AL7FS AK  
W8RIK OH  
NQ9RP WI  
W3BBO PA  
W5VBO AZ  
AA9KH IL  
W8IZZ OH  
K4JO VA  
KL7H AK  
W1VT CT  
KG8YT MI  
AA0B MO  
N9VV IL  
N8NRG MI  
KB9AMG WI  
W0LK AR  
KK5WL TX  
AE2T NY  
NQ7RP AZ

KG2H NY

I'd also like to thank my fellow ScQRPions for picking up the BUBBA slack created by my becoming a Techno-Hermit recluse. Darn good folks in this hobby. Probably why we'll all be doing this for many decades to come.... And loving it.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

-----

Date: Sun, 29 Aug 1999 22:26:26 -0500  
From: Dave Redfearn <n4elm@texoma.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48806] NC-20 finished!, DK9SQ mast & 20 Meter GP vertical  
Message-ID: <37C9F9E2.92BCFE82@texoma.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

I got the NC-20 finished and working (Thanks Chuck).  
I've added the upgrade mods from the RED HOT site and a couple of Larry's AGC mods.

I'll be testing it some this week, then will be running it in NC over the weekend on a trip.

I also picked up a DK9SQ fiberglass mast which is easy to carry and setup. Over the weekend, I'll be using an endfed 1/2 dipole or a groundplane for 20 Meters.

The ground plane uses a vertical radiator about 16.5 feet long made from 9 conductor ribbon cable. There are three 17 foot radials (18 ga. wire) which are lengthened by 5 foot long pieces of nylon rope to form the guys for the mast. The feed point is clamped onto the mast about 16.5 feet down from the mast tip. The guys are held with 3 gutter spikes (~ 9 inches long) and a section of 2.5 inch PVC pipe clamped to a spike forms a socket for the mast base. The feed line is 23 feet of RG-58.

In effect, I have a 1/4 wave groundplane antenna mounted 1/4 wave above the ground, fed with 1/2 wave of coax. Set up in the back yard, the

MFJ-259 says the minimum SWR is at 14.027 and it is about 50 ohms resistive. Both the Scout and NC-20 will load power into it so I guess its good to go.

As a wrinkle, I built the feed point with lugs so I can replace the coax and use a twin lead or open wire feeder. With 17 feet of twinlead to a tuner at the base of the mast, I should be able to tune the antenna for 20-10 Meters, maybe 40-10 meters for multi-band use. I'll actually try this after the current trip which is 20 Meters only with the NC-20.

The antenna is all homebrew from the junk box, so even with the cost of the DK9SQ mast, the whole thing is cheaper than a commercial all-band vertical.

Listen for me on 20 Meters, portable at the Shelby NC hamfest, 3-5 Sep.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Mon, 30 Aug 1999 00:08:26 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48807] SUPER BUBBA SIGNALS  
Message-ID: <630f79ef.24fb5dba@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Just wanted to note that on 15M there were some true 5NN signals here near Seattle from KG2H, NM5M, K5GTY, W1VT with good sigs of 57N from VE9VIC and WA1GWH. Equipt was an OMNI-D with AUTEK QF-1 and GAP TITAN. Really a super job fellas...Alan KB7MBI (55F here)

-----  
Date: Mon, 30 Aug 1999 00:10:03 -0400  
From: "A. Jenkins" <beaks@westco.net>  
To: "QRP-L" <QRP-L@Lehigh.edu>  
Subject: [48808] Rigs for sale  
Message-ID: <014501bef29d\$8a789c60\$0ddc0bd0@beaks>  
MIME-Version: 1.0  
Content-Type: text/plain;



charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Gang, I need to sell a couple rigs and have the following:

Alinco DX70TH (high power model) HF with 6 meters, general coverage, narrow filter, great rig in all respects. Power levels of 5/50 or 10/100 watts which can be customized to any level with internal pots. Plastic still on the face plate. Box, mic, manual for 550 and shipping.

Ten Tec Century 21 Original analog model. Looks, works very well, very clean. "Zero Beat" pushbutton is not working (bad switch) but does not affect operation, just haven't taken the front panel apart to replace it. 125 plus shipping

Please email me direct with any questions....

Thanks!

Arch N8EAG

Fairmont, WV

-----  
Date: Sun, 29 Aug 1999 23:33:37 -0600 (MDT)

From: "Paul Harden, NA5N" <na5n@rt66.com>

To: qrp-l@lehigh.edu

Cc: CQCList@cqc.org

Subject: [48809] X-class Flare Info (8-29)

Message-ID: <Pine.SUN.4.10.9908292240001.25825-100000@shell.rt66.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Was not around much this weekend and just now catching up on qrp-l and email. Almost mad I was gone for the X1 flare ... but at the same time, VERY IMPRESSED that it was reported to the group and explained very well by a few others. One of the most difficult concepts about solar activity is how it delivers a one-two punch to the Earth ... the speed of light stuff (immediate) and the particle radiation that arrives 2-3 days later. I was very impressed at how everyone figured all of that out. See, you guys are on top of this stuff more than you think. We have some great people sharing their expertise with you on the group, and many of you have learned things other hams, who have been around for several solar cycles, are still scratching their heads over.

What's really neat is how several of you were on the air when the flare occurred and actually witnessed a SID (Sudden Ionospheric Disturbance)

first hand ... a nice QSO going along and BANG, the band goes super dead for no apparent reason. A rare occurrence to actually be on the air at the moment of a big X-class flare. Outta be an award for that :-)

A commentary on the X-class flare from NOAA is below, commented, for those interested.

What happened with this flare, a large X-class (X1) is it released a tremendous amount of x-ray radiation. (That is NOT why they call it an X-class flare, BTW, as all flares release x-rays, but the larger the flare, the more x-ray radiation generated). X-rays are ionizing radiation, that is, they strip electrons off of molecules in our upper atmosphere when they arrive. The more ionized (the more electrons stripped away) our E and F layers, the more reflective they become to HF, and thus, better skip propagation. That is good for QRP and DX.

However, with a very large flare (M or X class) that generates gobs of x-rays, when this ionizing radiation hits the earth, it ionizes our E and F layers as described above, but they are so energetic, they travel much deeper into our atmosphere where they encounter the lowest ionized band of electrons called the D-layer. This is often called the "absorption" layer, because as your signals go through the D-layer, they collide with all the free electrons, which absorbs and attenuates some of your signal power. The D-layer, being ionized during the day from sunlight, absorbs HF signals, particularly below 10MHz. This is why skip propagation on 40M during the day is rare, but not so at night, when the D-layer is no longer ionized. In the case of a large flare, these x-rays can penetrate deep down to further ionize the D-layer, causing the absorption to be worse than it normally is, AND it raises the absorption to HF to higher and higher frequencies. For example, the D-layer doesn't normally attenuate signals on 20M or above by much, but in the case of the D-layer being highly ionized by x-rays from a flare, it can.

What happened Saturday, is this x-class flare caused a huge onslaught of x-rays to the earth, such that they hit the D-layer, giving it an extra huge dose of ionization, such that it TOTALLY ABSORBED all the HF signals trying to get through. This can happen within seconds of the x-rays hitting the D-layer ... and signals struggling through the D-layer can get choked off within a few tens of seconds. That is a SID ... a sudden ionospheric disturbance. And it gobbles up HF signals to create a virtually dead band. Note that these x-rays arrive almost immediately following the flare (well, 8 minutes later) and for the duration of the flare (usually less than 30 minutes). Once the flare is over, the x-rays stop, and it can take several hours for the electrons stripped away from the oxygen molecules to recombine and form a normal D-layer again. Thus a large flare can cause a very sudden HF black out, and it will take several hours to restore to normal conditions. Again, witnessing this type of event is fairly rare, so those of you who actually heard it happened

witness a very energetic physical alteration of our ionosphere. Most flares seldom cause a SID that lasts more than a few minutes, and often goes unnoticed.

After a large flare, the associated coronal mass ejection (CME) hurls particles at the earth that will cause a physical disturbance to our magnetic field and trigger a geomagnetic storm. The average travel time to the earth of this particle radiation is 55 hours. Thus, the second punch comes about 2.5 days later. This CME does not appear to be headed for the earth, as the NOAA report below explains.

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
> SDF NUMBER 241 ISSUED AT 2200Z ON 29 AUG 1999

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z  
> TO 29/2100Z: SOLAR ACTIVITY BECAME LOW.

> THE X1 FLARE AT 28/1805Z PRODUCED A LARGE CORONAL MASS  
> EJECTION THAT MOVED SOUTHWARD OUT OF THE ECLIPTIC.

The ECLIPTIC is the "plane" upon which all the planets lie in rotation around the sun. Solar wind travels out from the sun along the ecliptic. >From our viewpoint, it is the imaginary line across the sky that the sun and the planets travel along. For particle radiation from a CME to impact the earth, some or all of the particles must end up on the ecliptic to be carried to the earth by the solar wind. In the old days, we didn't know why some flares effected the earth and others didn't. Now we have ground based and space based instruments that detect where the particle radiation from a CME travels. In this case, the CME hurled its particles southward, or below, the ecliptic, and thus its trajectory is not directly earthbound. We will not experience a direct hit from this huge flare.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD BE PREDOMINANTLY  
> MODERATE. REGION 8674 RETAINS THE CAPABILITY OF PRODUCING M-CLASS  
> AND POSSIBLY ADDITIONAL X-CLASS EVENTS.

It ain't over yet, especially if the magnetic complexity of these regions begin a buildup over the next 2 days.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z:  
> THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED. SOLAR WIND VELOCITY  
> DECLINED DURING THE PERIOD TO JUST OVER 500 KM/S.

The solar wind has been high (500-800 km/s) past couple of weeks due to coronal holes, which is why the bands have been a bit cruddy from a mildly disturbed magnetic field from the high solar wind. The declining solar wind means the bands will be quieter.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE  
> GENERALLY QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

> NONE OF MANY RECENT CORONAL MASS EJECTIONS ARE EXPECTED TO IMPACT THE  
> EARTH HEAD-ON BUT IT IS POSSIBLE THE FLANKS OF SOME OF THE CMES COULD  
> REACH THE EARTH. THEREFORE, ISOLATED ACTIVE, TO POSSIBLY MINOR  
> STORM, PERIODS ARE POSSIBLE FOR THE ENTIRE PERIOD.

Again, we won't take a direct hit, but we may get hit by the fringes of  
the particle shockwave, causing some disturbances to our magnetic field.

> CLASS M 75/75/75 <----- 75% chance of an M-class flare  
> CLASS X 40/40/40

> IV. PENTICTON 10.7 CM FLUX  
> OBSERVED 29 AUG 218  
> PREDICTED 30 AUG-01 SEP 220/217/197  
> 90 DAY MEAN 29 AUG 168

> V. GEOMAGNETIC A INDICES  
> OBSERVED AFR/AP 28 AUG 011/014  
> ESTIMATED AFR/AP 29 AUG 008/010 <--- A-index during BUBBA - not bad  
> PREDICTED AFR/AP 30 AUG-01 SEP 010/012-012/015-012/012

72, Paul NA5N

-----  
Date: Mon, 30 Aug 1999 15:56:30 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48810] Re: Electronic symbols clip art  
Message-ID: <37CA1D0E.F96FF6B0@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

I've been following this thread and it is a little frustrating (read  
re-inventing the wheel)

Go to:

Capilano's DesignWorks Lite (student version, I think)

<http://www.capilano.com/>

Download the student version. I have not even tried it to anywhere near it's capacity I just draw then cut/paste into Paint Shop Pro and save as .gif files for my web pages.

It's brilliant! All you should ever need. Draw what you want, copy and paste into any Windoze applications.

Any hassles contact me direct!

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

-----  
Date: Mon, 30 Aug 1999 16:10:26 +1000

From: "Ian C. Purdie VK2TIP" <[ianpurdie@integritynet.com.au](mailto:ianpurdie@integritynet.com.au)>

To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>

Subject: [48811] Re: Electronic symbols clip art

Message-ID: <37CA2052.B3538553@integritynet.com.au>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

"Ian C. Purdie VK2TIP" wrote:

> I've been following this thread and it is a little frustrating (read  
> re-inventing the wheel)

I omitted to mention the genius wit who posted a reference to the translation of the english version of the "old testament" into hebrew. My first prize for the year

> It's brilliant! All you should ever need. Draw what you want, copy and  
> paste into any Windoze applications.

I also further omitted to make mention of Amiga and/or Macintosh owners who  
probably laugh behind our backs knowing they could easily do this 15 years  
ago

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil  
and represent all that is evil about the Web. The remaining two experts are  
agnostic and think that frames are just a stupid idea" -

-----  
Date: Mon, 30 Aug 1999 01:13:57 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48812] Help With Transistor Identitication  
Message-ID: <004101bef2ae\$dcc371a0\$5867d6d1@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

I've been scrounging parts for a rig that I'm going to be working on,  
and I ran across an ECG transistor in a burnt CB rig that I can't identify.  
The # is: "ECG 236" (top portion of the case), and right under that there's  
"3NAR". Could anyone out there tell me about this transistor?

I went over to the ECG site and entered the part number in their  
cross reference, but it didn't tell be anything. Anywho, any help  
would be appreciated!

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Mon, 30 Aug 1999 16:19:28 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48813] Re: QRP Portable in VK4, Queensland, Au  
Message-ID: <37CA2270.47C24F81@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

SMurph555@aol.com wrote:

> Hi all,  
> I have a business trip coming up in late September, with the destination  
> being the Gold Coast in Queensland, Australia.

A thrill seeker

> Thanks to the very helpful  
> people at the Australian Communications Authority (ACA), I know how to obtain  
> a license.

Of course

> But I wonder if any of the Australians who frequent this list  
> have any advice for me.

(a) don't go there  
(b) if you must go then protect your wallet at all times - VK4's are notorious  
thieves as well as gypsies.  
(c) don't talk to crocodiles, cane toads or any locals.  
(d) don't buy shares in the Story Bridge  
(e) don't get into a "two-up" game

> Any practical suggestions, especially choice of band, would be most welcome.

Stay home - it's safer

Apart from that rubbish, I hope you enjoy your stay. Even Queenslanders are  
tourist friendly.

BUT be prepared for a HUGE WELCOME

we're just plain friendly folks!

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

-----  
Date: Sun, 29 Aug 1999 23:48:48 -0700

From: Russ Dow <n7dw@garlic.com>

To: jamesd1@flash.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [48814] Re: Bubba Results at KK6MC/5

Message-ID: <37CA2950.CE90ED@garlic.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well Jim, by now you know 15 was open, and rather nicely so. Several months ago I built an Extended Double Zepp for 15m and got it up during QRPTTF -- just as 15 folded for the day :-(

But today: Happy dance. Center freq at 21.100, 1.1 swr. Forgot to check the 2:1 points on 15, but did check on 40. Center at 7180, with 2:1 points outside the band. No match on other bands, but having 40 is an unexpected bonus. I thought the EDZ tuning stub would make it strictly a single bander.

An observation, for what it's worth: Something that frustrated me today was that most stations on 15 were clustered pretty tightly -- within a very few KHz of each other, as we often need to do on 40 due to QRO below and RTTY/digital above.

Folks, we are not hemmed in on 15 like on 40. I appreciate the value of the QRP calling frequencies, as they provide needed starting points. However, many if not most of us have VFOs, so could we use them and spread out a bit more? We might all make a few more contacts in the



next event.

73,  
Russ N7DW

James R. Duffey wrote:

> I just got back from my Bubba field expedition. I worked 20 M and the  
> condidtions stunk.  
>  
> I did somewhat regret not taking the 850 for 15 M. Please don;t tell me it  
> was wide open.

-----  
Date: Mon, 30 Aug 1999 01:17:35 -0700  
From: "Kory Hamzeh" <kory@avatar.com>  
To: <qrp-1@lehigh.edu>  
Subject: [48815] First NC20 contact ... UA0FI!!  
Message-ID: <000001bef2c0\$1daef340\$14ce21c7@tomcat.avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can't believe it, my first NC20 contact was Vlad UA0FI! I was running 4  
watts, he gave me a 589 to his 599! How does one file for the 1,000 Miles  
Per Ward award?

Nice job Dave!!

To jazzed to fall sleep.

73,  
Kory  
AC6RN

"Ahh, I love the smell of solder in the morning. Smells like ... QRP!!"

-----  
Date: Mon, 30 Aug 1999 01:24:18 -0700  
From: "Kory Hamzeh" <kory@avatar.com>  
To: <kory@avatar.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48816] RE: First NC20 contact ... UA0FI!!  
Message-ID: <000201bef2c1\$0d6cda00\$14ce21c7@tomcat.avatar.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Can't believe it, my first NC20 contact was Vlad UA0FI! I was running 4  
> watts, he gave me a 589 to his 599! How does one file for the 1,000 Miles  
> Per Ward award?  
^^^^ Watt!

-----  
Date: Mon, 30 Aug 1999 09:39:02 +0100  
From: john <john@joorology.demon.co.uk>  
To: qrp-l@lehigh.edu  
Subject: [48817] unsubscribe  
Message-ID: <XjhY0JAmMky3Ew1Y@joorology.demon.co.uk>  
MIME-Version: 1.0

-----  
Date: Mon, 30 Aug 1999 09:14:58 +0000  
From: Goran Hosinsky <hosinsky@royac.iac.es>  
To: qrp-l@lehigh.edu  
Subject: [48818] Re: X-class Flare Info (8-29)  
Message-ID: <37CA4B92.E686EE16@royac.iac.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Years ago, two solar maxima back, I was doing visual solar patrol at the H-alfa telescope on Capri, Italy. The work consisted in sitting at the telescope and to look at the sun every few minutes, taking note of any changes. I was listening to music from a short-wave station and reading a book when suddenly the music just died away. I looked into the telescope and lo, there a big flare was just starting.

73  
Goran, ea8yu (then i was IC8HGZ)

-----  
Date: Mon, 30 Aug 1999 07:36:37 -0300

From: Dave Marling <dbm@klis.com>  
To: rules@bellsouth.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48819] Re: Help With Transistor Identitication  
Message-ID: <37CA5EB5.6FC5D232@klis.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> The # is: "ECG 236" (top portion of the case), and right under that

Listed in the old ECG guide that I have as NPN-Si, Final RF Power Output  
(Po 13W, 50MHz, SSB) with an hFE of 20 (min).

Dave  
VE1VQ

-----  
Date: Mon, 30 Aug 1999 07:51:35 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [48820] Papua, New Guinea P29VHX  
Message-ID: <19990830.115032.4423.12.n4so@juno.com>

Band conditions are back.  
P29VHX 14.020 at 1141Z working stations up 2 KHz  
QSL DJ9HX. Signals here 549 and worked after calling  
for ten minutes. Most of the splits on the RIT have been  
from 1 to 3 KHz. I have 7.5 Khz range but havn't used it  
all yet.  
NorCal 20 5 watts 4 ele. beam

Ken Brown N4SO  
Mobile, AL/EM50tk

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 27 Aug 1999 09:55:54 -0400  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48821] Re: calling CQ as QRP

Message-ID: <37C698EA.C77E67FD@hti.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed,

My experience is that the DX stations get a real kick out of finding out you are QRP. I have had a lot break out of the 'rst op qsl via buro' type of qso to add more info or to ask what rig and antenna I am using. I think the serious DXers also think themselves as serious weak signal ops and working a weak one is almost as good as working a rare one.

Ed AB8DF

k1vp@lawson-philpot.com wrote:

>  
> I have never given this much of a thought.  
> I just call CQ and ignore the QRP part.  
> If I hear a station calling CQ, i call him.  
> I just operate with my 1.5 watts as if I  
> was just another QRO guy with a modest station.  
>  
> I more often hang out in the "DX" portion of  
> the bands and go for anything I hear unless  
> it is a big cluster pileup.  
>  
> Seems to work out fine. Much of the time I don't  
> even mention I'm QRP. When you give a guy a 569 and he gives  
> you a 559, its rather embarassing to tell him you're  
> running 2 watts after he describes a big beam and 300W. <G>  
>  
> Ed Lawson  
> K1VP

-----  
Date: Mon, 30 Aug 1999 00:35:14 -0400  
From: dfirlik@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [48822] Re: Rigs for sale  
Message-ID: <19990830.090707.-248167.0.dfirlik@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I had the same problem with my C21 when I bought it 10+ yrs ago. I was able to take the switch apart and fix it....still works fine.....YMMV.

Don K8AQZ  
Grand Rapids, Michigan

On Mon, 30 Aug 1999 00:10:03 -0400 "A. Jenkins" <beaks@westco.net>  
writes:

>Gang, I need to sell a couple rigs and have the following:

>Ten Tec Century 21 Original analog model. Looks, works very well, very  
clean. "Zero Beat" pushbutton  
>is not working (bad switch) but does not affect operation, just havent  
taken the front panel apart to  
>replace it. 125 plus shipping  
>Please email me direct with any questions....  
>Thanks!  
>Arch N8EAG  
>Fairmont, WV  
>  
>

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Mon, 30 Aug 1999 10:27:44 -0400  
From: "Alex Mendelsohn" <ai2q@ispchannel.com>  
To: <jimdurkin@yahoo.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48823] Bow and Arrow PLUS hardhat  
Message-ID: <000001bef2f3\$d2ed62e0\$5c32a7d0@mendelsohn.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A slingshot can easily raise a halyard to 100-feet--or more.

I use a Wrist Rocket brand slingshot with a lead fishing sinker to get nylon fishing line over the branches of tall trees here. I use a spinning reel to pay out the line.

Then I haul up the halyards with pulleys attached, and suspend the antennas

with counterweights, etc.

By the way, I wear a hardhat when doing this. Occasionally the lead sinker needs to be pulled down when a shot is NG, and that little puppy sinker sometimes comes racing towards your head like a bullet! A word to the wise.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

> Jim Durkin

> Sent: Sunday, August 29, 1999 12:15 AM

> To: Low Power Amateur Radio Discussion

> Subject: Bow and Arrow

>

>

> Use a bow and arrow to get dipoles up. Old Kmart bow would not reach  
> top of trees. Found a 25 lb pull bow at Sports Authority that does get  
> arrow up about 50+ feet.

> Had a couple of models at \$60 and \$70. I got the cheaper one.

> Drill hole in front of feathers to attach 15 lb test fishing line.

> Tape a couple of bolts at tip to give enough weight to get it back

> down. Fishing line is unwound farther than needed for up and down trip.

> This needs to be pretty neat. Nylon cord is attached and pulled back.

>

> This year's Handbook seems to imply that a slingshot can get line up  
> 100 feet. Is this true? It seems optimistic to me.

> 72/73

> Jim

> kt4a

>

> -----  
> Do You Yahoo!?

> Bid and sell for free at <http://auctions.yahoo.com>

>

>

-----

Date: Mon, 30 Aug 1999 07:36:28 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [48824] Re: Long wire??

Message-ID: <Pine.GS0.4.10.9908300726320.4722-100000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmm,

It must have something to do with today's real estate market!

I just looked in my handbook here (1992) and not much in there about long wires.

If memory serves me correct, a long wire used to be defined as "several wave lengths". (Or maybe it was "over 2 wave lengths").

The classic antenna that we all dreamed about having was a Rhombic (sp?). I see that it's not even listed in the 92' handbook!

Diamond shaped..... 4 "legs"..... each leg should be several wave lengths for good gain! :-)

Don Wallace (sp?) W6AM had several at his cliff top QTH! Needless to say, he had a very nice sig all over the world! Top of the DXCC pile back then! (And a very nice fellow who did a lot for the hobby too).

Lets see now, a nice Rhombic for 160m.....

:-)

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Mon, 30 Aug 1999 07:37:49 -0700  
From: Bruce Grubbs <bog@flagstaff.az.us>  
To: al7fs@pobox.alaska.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48825] Re: AL7FS Bubba try on 15 meters  
Message-ID: <3.0.5.32.19990830073749.00b00eb0@mail.infomagic.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Jim, you were booming in here in northern Arizona.

72

Bruce N7CEE  
(W7TA0 multiop w/W0XAZ)

Bruce

-----  
Date: Mon, 30 Aug 1999 09:38:13 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: <dbm@klis.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48826] Re: Help With Transistor Identitication  
Message-ID: <005e01bef2f5\$6f84b530\$7866d6d1@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Dave Marling <dbm@klis.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Monday, August 30, 1999 5:42 AM  
Subject: Re: Help With Transistor Identitication

Hi Dave,

>> The # is: "ECG 236" (top portion of the case), and right under that  
>  
>Listed in the old ECG guide that I have as NPN-Si, Final RF Power Output  
>(Po 13W, 50MHZ, SSB) with an hFE of 20 (min).

Thanks for the info, Dave (and others)! Spent most of the day yesterday  
looking for this info with no luck. Should make a nice final for a QRP rig  
and run 5 Watts all day long without any problems.

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Mon, 30 Aug 1999 08:42:32 -0600  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-l'" <qrp-l@lehigh.edu>  
Subject: [48827] The Ultimate QRP Kit Case  
Message-ID: <01BEF2C3.9E463BA0.bmug@gwl.com>



Saturday, while cruising the isles at Target for the incredibly small Altoids box I discovered the Ultimate QRP Kit Case. No, it's not the humungas Large Altoids box, nor is it the standard size we've all grown to love and it's not even the cute little Altoids box that was recently discovered.

Introducing the DILBERT PERFORM-MINTS box. This lovely box measures a fantastic 6 cm X 8 cm X 1.9 cm in size and comes in a variety of colors with a different cartoon and catchy phrase on each cover. The mints themselves come in 4 (four) different shapes. You will get a Dilbert, The Boss, Dogbert and Catbert. All in a lovely hinged lid tin.

It's amazing, all these companies believe people are buying these tins for the mints. If they only knew they could put almost anything in them and they would still sell just as many. We should get Mouser or Digikey to fill them with components and sell them. They'd make a killing and we would be like pigs in mud.

Have a great week and may the propagation be with you.

de KI00T, Brad

BTW, unfortunately I don't have any financial interest in anything that can make me some money, including, but not limited to, Dilbert Mints.

-----  
Date: Mon, 30 Aug 1999 09:46:22 -0500  
From: Clifton W Sikes <ab5uacw@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [48828] BUBBA: Hot !!!!!!!  
Message-ID: <19990830.094623.6742.2.ab5uacw@juno.com>

Hi folks,

My wife is right, I'm nuts! The official high temp, in OKC, was 98F, but at my place it was 99F. By the time I gave up, it was 102, on my Radio Shack digital clock/thermometer. Two hours was PLENTY. I had to go to the house and drink a Mountain Dew, and then a big chunk of ice cold watermelon.

I made 29 Q's, with 18 SPC's, and got NQ7RP, all on 20 meters, running my new DSW-20. It took a while to get used to the incremental tuning, but the rig is a keeper. Dave did us a great service with this one. Looking at that little blue case even makes you feel cooler ;-)

72,

Clif AB5UA

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Mon, 30 Aug 1999 10:49:24 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48829] Re: Bow and Arrow PLUS hardhat  
Message-ID: <002201bef2f6\$dae3ee80\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, I didn't want to get into this, but I figured I'd just make sure people are aware of a few points.

First off... Legal issues. Slings shots and such may be controlled in your locality. In the state of MASS for example, they are 'prohibited weapons' and could conceivably get you a jail term.

Don't flame me! I think it's BS! But it's the law here in Mass. We can legally own machine guns (with the proper permits, of course), but not sling shots!

If you are using arrows, again, check local restrictions. AFTER an accident is not the time to find out you are in additional hot water. ESPECIALLY if this is something that's a 'public visibility' type event.

Heck, here in Mass you could probably use a 12ga shotgun with a 'line launcher' that Mossberg sells, but not a sling shot!

Now the safety issue... No matter what you use, if you attach a cord or line to it, and the line binds while feeding, whatever you launched can come STRAIGHT BACK AT YOU!! Think about that. Straight back means right at your eyes!

They do make special spinning reels that are 'tapered' for use with arrows and fishing. But whatever you do, at least wear eye protection. I'd also consider using a light test line, or at least a leader of it. Let it break and go. You can do another.

Or you could use the lifeguard trick for buoys, setting out your line first.

Hey, it's your eyes! Although maybe not. How many times would you have someone watching you do this from close by?

Finally, if you use a slingshot (I'm not admitting anything here!) I would recommend you use a weighted thing for practicing casting. These are tapered, and unless you pull back and cause it to wrap on a branch, it should be possible to pull it back if it's not where you want it without catching.

Mike Yetzko  
N1DVJ

-----  
Date: Mon, 30 Aug 1999 08:57:20 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [48830] Latest:40 mtr fox hunt Teams (fwd)  
Message-ID: <Pine.LNX.3.95.990830084957.24789A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

....it's my pleasure to annnounce a brand new Team for this year's Fox Hunt.....the "DURHAM MORSE MEN" from Ontario!!....watch out for them as they're GUUUUUUDDDD!!!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

\*\*\*\*\*

BLUE J's:

-----

John - VE3JC  
Jim - VE6JWA  
Jeff - VA3JFF  
Jon - TF3JA

HOUSTON HOUNDS:

-----

Bill - K5ZTY  
Bill - W5SB  
Terry - KQ5U  
Dan - KK5LD

MANGY MUSHERS:

-----  
Pete - NV4V  
Paul - VE7CQK  
Bruce - N7RR  
Ed - K1VP

RAIDERS of the LOST RF:

-----  
Fred - VE3FAL  
Earl - VE6EWM  
Bruce - VE5RC  
Mary - NA6E

SWORDS:

-----  
Rick - WB6JBM  
Andy - KC8KFI  
Doc - K0EVZ  
Dan - N8IE

TEAM ScQRPion:

-----  
Floyd - NQ7X  
Gary - AB7MY  
Conard - WS4S  
Bob - KI7MN

WESTERN WRANGLERS:

-----  
Randy - K7TQ  
Chuck - K7QO  
Steve - WW7Y  
Ron - KU7Y

SCATTER SHOT GUNNERS:

-----  
Mike - K1MG  
Jack - W5TFB  
Stan - N6XU  
Pat - K0PC

DURHAM MORSE MEN:

-----  
Jim - VE3KQN  
Ken - VE3ELA  
John - VA3JE  
Garry - VE3REP

OKLAHOMA TORNADOS:

-----  
Cliff - AB5UA  
Royce - KE5TC  
Don - K5AAR  
Gody - AC6UV

SWAMP RATS:

-----  
Tom - N1TP  
Mac - KF4KSM  
Fred - W2XN  
Paul - AJ4Y

TEAM CRAMP.COM:

-----  
OJ - K10J  
George - K5VUU  
Mike - K5NZ  
Eric - NM5M

UNDERDOGS:

-----  
Roy - AB7CE  
Dan - N4ROA  
Brian - KB9BVN  
Ron - KI0II

20th MAINE BENGAL BEARS:

-----  
Jim - N5IB  
Butch - N5SMQ  
Bill - NT1R  
Joel - KE1LA

EMPIRE HOUNDS:

-----  
Dick - K2REB  
Kevin - N2TO  
Mark - N2JTW  
Nick - KF2PH

...3 more teams than last year so far!...15 Teams and counting....who's next??.....lots of time left to form and enter a Team, so just let me know via e-mail please.....Paul Valko will be calling for foxii in September...this is shaping up to be another good fun year for the 40 mtr Fox Hunt Team competition!...please let me know if I have any errors in the list...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

-----  
Date: Mon, 30 Aug 1999 11:00:18 -0400  
From: "Jim Marciniak" <n1rui@together.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48831] Re: [To Call or Not to Call CQ]  
Message-ID: <006601bef2f8\$60714600\$57e8fea9@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Lest someone feel a "good antenna" is synonymous with an "expensive antenna":

I take a QRP rig with me every summer while camping our state's park system (especially my little HW-8). I've used wire dipole's, a High-Q Loop, a vertical, and even a monoband dipole made of TV twinlead at about 12 feet. I can't remember ever calling CQ more than 5 or 6 times while operating CW without a reply. I usually run about 2-3 watts while camping. Sometimes less. Typical range of my QSO's is from my camps in Vermont to the Midwest - Ohio, Michigan, Illinois is pretty standard.

Your mileage may vary.

Void where prohibited by park rangers.

72,

Jim N1RUI

----- Original Message -----

From: Roy Lincoln <wa4dou@usa.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Sunday, August 29, 1999 12:02 AM

Subject: Re: [To Call or Not to Call CQ]

> Well said Joel. Some QRP'ers believe it isn't righteous to use good  
antennas,  
> while there are some who can't erect good antennas. The advice to not  
waste  
> time calling CQ is generally aimed at those whose antennas are not  
conducive  
> to the task.  
> Those with good antennas often find plenty of qso's resulting from calling  
CQ.  
>  
> 73 Roy Lincoln WA4DOU  
> -----

-----  
Date: Mon, 30 Aug 1999 11:22:29 -0400 (EDT)

From: "Paul R. Valko" <prvalko@oakland.edu>

To: QRP List <qrp-l@lehigh.edu>

Subject: [48832] \*\*\* FIRST CALL FOR FOXII \*\*\*

Message-ID: <Pine.OSF.3.95.990830105250.23596A-1000000@saturn4.acs.oakland.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I am now accepting applications for the FORTY available positions for the  
FOXHUNT 2000.

\*\*\* REPLY DIRECTLY TO ME, NOT THE QRP-L!!! \*\*\*  
<mailto:prvalko@oakland.edu>

In the SUBJECT LINE OF YOUR MESSAGE... put:

FOXAP: <yourcall> <previous fox? Y/N> <state/province> <rig>  
<power output> <antenna>

like this:

FOXAP: W8KC Y MI NC-40a 3w DIPOLE

It's really that simple.

Before you jump, please read over the rules in the archive or here...  
<[www.acs.oakland.edu/~prvalko/foxhunt.htm](http://www.acs.oakland.edu/~prvalko/foxhunt.htm)> and if you can't deal with  
them, save us all some grief and just don't bother to apply.

The Foxhunt will start in mid/late October and run for 20 weeks.

Foxii can operate ANY Monday, Tuesday, Wednesday, or Thursday  
evening. We would really like to keep the foxhunt on a couple  
of particular nights so that folks will remember, "Oh... it's  
<insert day of week> that means there's a foxhunt!"

Once I get 40 foxii picked out, we will try to set up schedules.

If you want to improve your chances for selection, tell me you  
know how to create a LOTUS or EXCEL spreadsheet out of your  
logsheet.

Tell me you know how to remove the NON-QRP-L member calls from the  
FINAL LOG.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Mon, 30 Aug 1999 08:53:58 -0700  
From: Allan G Taylor <k7gt@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [48833] Radio black hole discovered !  
Message-ID: <37CAA916.17BD@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I was operating (or trying to) from the side of a canyon in Sequoia park Saturday morning. Elev 6900' down from the north canyon rim at 7500' or so, and had just put up a 40m inv dipole from a pine limb. I turned on the NC40A at about 11:20 AM (1820UTC) Saturday Aug 28 and heard NOTHING. After about 15 minutes or so a few very weak signals starting coming through, apparently from the south(!). I expected poor propagation to the north due to the location but was completely surprised at how dead 40m was at the start.

Did anyone else notice this propagation between 11AM and noon (PDT) Saturday?

--

|                               |              |                                                               |
|-------------------------------|--------------|---------------------------------------------------------------|
|                               |              |                                                               |
|                               | /            |                                                               |
|                               | /            |                                                               |
| Allan Taylor K7GT             | /Z  \        | FISTS 3222 ARS 228                                            |
| k7gt@arrl.net                 | /  /599  \   | DXCC and WAS 40/cw                                            |
| Pleasanton CA CM97aq          | /_ /____ __\ | <a href="http://www.qsl.net/k7gt">http://www.qsl.net/k7gt</a> |
| ...QRO, QRP, or barefoot..... | [\-----/     |                                                               |

-----  
Date: Mon, 30 Aug 1999 12:09:11 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [48834] Elecraft K-2 mods  
Message-ID: <19990830.160753.7407.3.n4so@juno.com>

Need the K-2 mods for my saved text files.  
No Web access, text files only.

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----



Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Mon, 30 Aug 1999 12:20:46 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <bmug@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48835] RE: The Ultimate QRP Kit Case  
Message-ID: <NBBBJDEEIFDDANGEGHLBIEPMGLAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Do you HAVE to take the mints if you get the box????? [grin]

72 / 73 Ed N4XY email: <n4xy@arrl.net>

-----  
Date: Mon, 30 Aug 1999 11:35:15 -0500  
From: Karl.Kanalz@optelinc.com  
To: n5ib@juno.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48836] Re: WWVB Atomic Clock from RS  
Message-ID: <862567DD.005BA324.00@hdqsmtp01.optelinc.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

In reading the literature that came with MY "WWVB Electronic Clock"  
(bought it from Bridgestone about a year ago), WWVB only sends out  
".... synchronizing signals four times a day....".

Until I read that bit of info, I too, was discouraged that my "Atomic Radio  
Clock" wouldn't seem to sync up with WWVB. I let the thing sit on my  
ham desk, with the loop antenna in an arbitrary "direction", and when I  
got up the next morning, the thing had sync'd, the "S-meter" was reading  
full scale (so-to-speak), and it's been working FB ever since.

Karl K - W8TIF  
McKinney, Texas

n5ib@juno.com on 08/29/99 02:46:22 PM

Please respond to n5ib@juno.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: WWVB Atomic Clock from RS

Gary and gang,

I'll second Gary's coment on the RS WWVB clock. Picked one up last week. It would not lock in right away when placed in the shack, regardless of antenna configuration. But that was around mid-day. It locked in later that night and has been fine ever since. Apparently diurnal noise levels even matter at 60 kHz.

Now, does anyone know if it would screw up the works [other than voiding the RS warranty :^) ] to put a connector in the antenna (radio) cable to the clock unit so it could be disconnected and taken to a temporary portable location without having to mess around with the antenna. I can't any imagine any problem except that it would look like weak signal or no signal, unless that cable is a logic line that needs to be in a particular state. It's supposed to be "happy" for about 96 hours even if it doesn't find the signal to lock onto.

73

Jim N5IB

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Mon, 30 Aug 1999 12:38:54 -0400

From: "A. Jenkins" <beaks@westco.net>  
To: "QRP-L" <QRP-L@Lehigh.edu>  
Subject: [48837] re: rigs for sale update  
Message-ID: <001b01bef306\$26565ce0\$2fdc0bd0@beaks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Century 21 has been spoken for, the Alinco is still available. I forgot to post my email address in the earlier listing, it is beaks@westco.net  
Apologies to those who had to respond via the list.  
Thanks...  
Arch N8EAG

-----  
Date: Mon, 30 Aug 1999 10:43:37 -0600  
From: Brad Mugleston <bmug@gwl.com>  
To: "'n4xy@arrl.net'" <n4xy@arrl.net>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [48838] RE: The Ultimate QRP Kit Case  
Message-ID: <01BEF2D4.86742620.bmug@gwl.com>

Oh, they are great. If you bite one of the heads off in a dark room it sparks.  
You can also set them up across the top of your monitor and have call them your groupies.

Ever wonder if those exposed wires are hot? Dogburt is there to help. Just place him across the wire ends.

Having problems with roaches? Spread a few of these on the floor and your problems are solved.

What's wrong with the mints?

de KI00T, Brad  
-----Original Message-----  
From: Ed Tanton [SMTP:n4xy@att.net]  
Sent: Monday, August 30, 1999 10:21 AM  
To: bmug@gwl.com; Low Power Amateur Radio Discussion  
Subject: RE: The Ultimate QRP Kit Case

Do you HAVE to take the mints if you get the box????? [grin]

72 / 73 Ed N4XY email: <n4xy@arrl.net>

-----  
Date: Mon, 30 Aug 1999 12:48:32 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [48839] Fox Applications Pouring in!!!  
Message-ID: <Pine.OSF.3.95.990830124722.25007F-1000000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow... that was quick. Keep those emails flowing, there is still plenty of time to apply.

All replies will get an automatically generated acknowledgement.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Mon, 30 Aug 1999 12:48:04 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <brad.mugleston@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [48840] RE: The Ultimate QRP Kit Case  
Message-ID: <NBBBJDEEIFDDANGEGHLBAEPOGLAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Not a thing-except I'm diabetic, so I have to (try to) restrain myself.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

-----  
Date: Mon, 30 Aug 1999 10:54:59 -0600

From: Brad Mugleston <bmug@gwl.com>  
To: "'n4xy@arrl.net'" <n4xy@arrl.net>, "brad.mugleston@gwl.com"  
<brad.mugleston@gwl.com>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [48841] RE: The Ultimate QRP Kit Case  
Message-ID: <01BEF2D6.1C4EC500.bmug@gwl.com>

You mean some people eat these things????

-----Original Message-----

From: Ed Tanton [SMTP:n4xy@att.net]  
Sent: Monday, August 30, 1999 10:48 AM  
To: brad.mugleston@gwl.com; Low Power Amateur Radio Discussion  
Subject: RE: The Ultimate QRP Kit Case

Not a thing-except I'm diabetic, so I have to (try to) restrain myself.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

-----  
Date: Mon, 30 Aug 1999 12:47:41 -0400  
From: wd4et@juno.com  
To: prvalko@oakland.edu  
Cc: qrp-l@Lehigh.EDU  
Subject: [48842] Re: \*\*\* FIRST CALL FOR FOXII \*\*\*  
Message-ID: <19990830.125517.-343083.0.wd4et@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Do you think it would be nice to have at least one fox from each state,  
and not limit it to 40?

73, Jeff

-----  
Date: Mon, 30 Aug 1999 12:56:33 -0400  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: <wxsat@qth.net>, <cars@k4ksa.org>, <w4dug@onelist.com>, "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [48843] KF4CPJ Web-site  
Message-ID: <000001bef308\$a08aee20\$17f7fea9@ggoodroe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello All,

I have updated my website at <http://www.qsl.net/kf4cpj>

It includes some new WxSat pictures I took down including Hurricane Dennis, some new morse code key pictures, and also updated links.

Feel free to browse on over.

Thanks and 73 de KF4CPJ  
George Goodroe, QRP-L #1943  
St. Petersburg, Florida USA  
80 Meter high noise capital of the USA <grin>  
<http://home.att.net/~goodroe>  
<http://www.qsl.net/kf4cpj>

-----  
Date: Sun, 29 Aug 1999 19:19:29 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: qrp-l@lehigh.edu  
Subject: [48844] Bubba Appreciation and Apology  
Message-ID: <37C9EA31.5AB972BA@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue:

I wound up with 61 QSO's and a great time. My plan was to use 15M and 10M as much as possible, as I wasn't after a big score this time. I was inside, on my beam, but did turn up the thermostat to 90 F.

Highlights:

Working AK twice on 15M with very nice signals Thanks to Bruce, KL7H and Jim, AL7FS. Armchair copy here guys.

The only 10M QSO was with Bob, N4BP who asked to go to 10M after we had QSO'd on 15M. Nice signal too. Funny though, we tried 20M and not a peep. I tried many 10M CQ's, but no takers. Folks, we all need to try 10M more often.

Working Sara, W4EEX, twice, even after I called her Harry.;

Working Dave, AD6A of RedHot radio fame.

Working Bruce, VE5QRP and the other VE's who braved the less than stellar propagation

I worked lot's of 4 area call signs, but NO WA, OR ID or MT.

I tried beaming south several times Central and SA, but no takers, not even Cam, HP1AC

I also wanted to apologize. I was trying out an old \$ 10.00 Kantronics UTU that I hooked up to my home brew software to send the CW. Of course it worked just great on the bench when I was testing, but during the contest I had lot's of lockups, which from the other end of the QSO looked like I went to sleep;)

The culprit seemed to be a bug in the commercial control that I was using within my program. I was able to simply obtain another control that works fine now, no lockups.

You see, software can be home brew also, with all of the trials and tribulations of any home brew project,

Murphy knows how to work on software too ;)

Running my own logging software is almost as fulfilling as running a HB rig, I might add.

Thanks to all who suffered through my BETA test. I really appreciate you folks hanging in there.

As a reminder, you can send your logs electronically to me at:

bkassel@dancris.com

or mail them to me at:

Brian Kassel W5VB0  
9200 West Hollywood Ave.  
Peoria, AZ 85345-5529

Brian W5VB0

-----

Date: Mon, 30 Aug 1999 17:12:05 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [48845] No Bubba  
Message-ID: <37CABB65.4F13@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi gang. I spent all day Saturday soldering a radiator, installing parts in the Van and trying to get this '77 Econoline up and running for the first time in many years.

Disassembled and cleaned the carburetor. Hooked it all up and WOW, what an engine. All 5 of us cruised around the block, even brought the dogs. It was great.

The path to QRP/M (CW) has been dimly illuminated. We'll get the smog/registration soon and then figure out how to get the special keyed lugnuts off!

SRI I missed the Bubba contest.

I just wanted to say that I hope y'all had fun and that I did NOT want to miss this one.

72/Ed we6w

--

-Ed AR Millennium Q's=>1100/2000 QRP-L#1068 BB#101  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

-----

Date: Mon, 30 Aug 1999 11:16:37 -0600  
From: "William R. Colbert" <af852@rgfn.epcc.edu>  
To: rules@bellsouth.net, qrp-l@lehigh.edu  
Subject: [48846] Re: Help With Transistor Identitication  
Message-ID: <37CABC75.B522F7CB@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

One of my sub books also showed as equivalent to a R/S 276-2053 - which I think is same as the 2n2053?

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"

-----

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2



(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Mon, 30 Aug 1999 12:15:58 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [48847] RE: WWVB Atomic Clock from RS  
Message-ID: <000001bef30b\$66a87b20\$ef5d6f81@uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As far as I know mine will synchronize any time I hit "reset" on the back. Your clock will only synchronize four times each day to save battery life but WWVB sends out signals all day. Mine does tend to synchronize faster at night and I suspect that is because of ionospheric noise during the day. WWVB might go to a higher power four times a day to get those who are farther out or something like that but like I said mine will sync any time I reset it.

Kevin, WB5RUE

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Karl.Kanalz@optelinc.com  
> Sent: Monday, August 30, 1999 11:35 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: WWVB Atomic Clock from RS  
>  
>  
>  
>  
> In reading the literature that came with MY "WWVB Electronic Clock"  
> (bought it from Bridgestone about a year ago), WWVB only sends out  
> ".... synchronizing signals four times a day....".  
>  
> Until I read that bit of info, I too, was discouraged that my  
> "Atomic Radio  
> Clock" wouldn't seem to sync up with WWVB. I let the thing sit on my  
> ham desk, with the loop antenna in an arbitrary "direction",  
> and when I  
> got up the next morning, the thing had sync'd, the "S-meter"  
> was reading  
> full scale (so-to-speak), and it's been working FB ever since.

>  
> Karl K - W8TIF  
> McKinney, Texas

-----  
Date: Mon, 30 Aug 1999 13:18:43 EDT  
From: JFStrain@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48848] 20M SSB  
Message-ID: <57825213.24fc16f3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

After being out of action for almost a year, and sending my MFJ-9420 back for an overhaul twice, the unit returned in great operating condition. Using an Alpha-Delta DX-B on 20 (where it really does not work well, but it is what I have in the air), I managed to hit a number of nets across the country despite poor conditions this past weekend, topping it off with S58AL in Slovenia. It is that sort of thing that keeps me from doing much to restore some of the higher power boat anchors in my collection. I still have to do something about a better antenna at my present QTH since the SWR runs too high below 14.250. But still, what fun! Reconnected with another net I had been absent from for several years this morning, and found no need to mention being QRP. Actually, I have only this past weekend actually heard anyone stating they were running 5 watts, but I did hear 3 stations claim that. There doesn't seem to be a need to say anything about how much (or little) power you are putting out - but it does make it all the more exciting to get a decent signal report after hearing a previous caller claim to be running over 500 watts with a yagi at 35 feet!

72 to all,  
John W9MIU  
QRP-L 1088 QRP-ARCI 8173

-----  
Date: Mon, 30 Aug 1999 11:25:53 -0600  
From: "William R. Colbert" <af852@rgfn.epcc.edu>  
To: ku7y@dri.edu, qrp-l@lehigh.edu  
Subject: [48849] Re: Long wire??  
Message-ID: <37CABEA1.1DCAD2E5@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have also seen the reference to at least one wavelength at the

lowest frequency to qualify as a longwire. An effective long wire type antenna that takes a bit less space than the rhombic is the sloping Vee beam - I had 6 in a rosette at my workplace switchable at the operator console, each was 505 feet long on each leg, terminated for unidirectional coverage. Altho the terminating resistors could be uncoupled for a bidirectional pattern approaching 12-14 dbd 14 Mhz and higher, and a usable 3 db or so at 1.8 Mhz. Of course the apex angle has to be a compromise of about 25 degrees which is less effective at the lower freqs - but a dynamite performer non-the-less. And only a single high support is needed plus the end supports that could be as low as 10 feet above ground (allow for safety). It pays to save old antenna books and articles as some feel the old designs are no longer of value.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"

-----  
Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Mon, 30 Aug 1999 11:31:18 -0600  
From: "William R. Colbert" <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [48850] RE: QRPP Summer edition  
Message-ID: <37CABFE6.DAEB45A4@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Summer Edition of QRPP has arrived in Far West Texas, and as I said last week about the Spring edition - a super job once again. This one is particularly interesting to me as it is the SPECIAL REGEN RECEIVER ISSUE, and as I had been looking for stuff on regens, it is perfectly timed. Thanks again to Doug, Paul, Tony, Graham and all of the authors who have contributed their time and ideas to make such a nice little reference document. Guess I had better get the pages laminated!!!

73

Ray

--

"Politicians are like nappies. Both should be  
changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS  
-----

Date: Mon, 30 Aug 1999 10:45:54 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [48851] Which Kit to Build??? Part 4  
Message-ID: <01bef30f\$82abaaa0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This series is being written to encourage new QRPers to build their own gear. It is made up of recommendations from me that are my opinion. I get around a lot of QRPers, and I listen to what they have to say. Most of my recommendations are based on my personal experience, but I also take into account what others have told me. The goal here is to give a guideline so that someone who has never built anything before will be able to learn how to build QRP kits. I don't think you want to start your building career with a NC20 or a K2, those are not beginner's kits. But what you can do is start simple, and as you build you will gain confidence and experience, which will soon enable you to successfully build advanced kits. But you have to learn to walk before you can run.

My recommendations also take into account what I think is the best bang for the buck. The kits that offer the best value for your money. One thing constant about QRP kits is that they are constantly changing. Just a few years ago, DC receivers were the norm, and superhet receivers were few and far between in QRP kits. Now, we have transceivers that have dds vfo's, built in keyers, frequency counters built in (audio and visual), etc. etc. That is called progress. QRPers are very conscious of value. They expect and deserve quality. These recommendations are my opinion. Nothing more, nothing less.

I have been asked many times by beginners to suggest a kit or kits to build. Guys come up to me, introduce themselves, and say, "I want to build radios, but I don't know where to start. Can you suggest a kit?" This series is my answer to that question.

My first three recommendations have been the VE3DNL Marker Generator from

Jay Bromley and the Ft. Smith QRP Group, the TiCK 4 Keyer from Embedded Research, and the SWL+ from Dave Benson at Small Wonder Labs. The next project that I recommend that you build is the ZM-2 Tuner from Emtech.

Why do you need to build a tuner? Well, it is one of the things that you need to match the antenna that we are going to build later to your QRP rig. By building your tuner, you will get an understanding of what goes into a tuner, and how it works. The Emtech ZM-2 is the tuner of choice by hundreds of QRPers. Why? Because it is easy to use, the cost is only \$50, it is so physically small that it is a natural to take along backpacking or camping, and best of all, it is a kit. Every time you build a kit, you get personal satisfaction. You built it, and if it breaks, you can fix it.

Emtech was started several years ago by the late Roy Gregson. It is now being run by his son, Scott. The company is located in Washington, and it gives first class service with all of its kits.

This tuner is amazing. It is a Z-Match configuration, and it will match anything. It even has a neat little SWR indicator that is so easy and simple to use that you won't believe it. The LED SWR indicator was designed by Dan Tayloe and it uses an LED to indicate when you reach the null. The LED goes out!! Simple huh?

Building the tuner. You will use point to point wiring here, and you will hang the components off the controls and switches. It gives you a new experience in building, but don't worry, the instructions are very good, and if you have trouble, again, there are literally hundreds of guys on the list who have built this thing. I think it is the tuner de jour for the Arizona Scorpions, in fact it may be required to have one to belong to that group, grin.

Let me caution you about one thing. The capacitors have to be isolated from ground, and you need to be careful that you drill the mounting holes accurately in the front panel. Emtech gives you a drilling template, and it isn't hard, but you do need to be careful. By the way, the tuner uses two polyvaricon variable caps, like those used in transistor radios, and you will look at them and say, "There is no way those will work." But you will soon find out that they do work, and work well. I was surprised myself at how well they do work. I have had my tuner for 2 years, and it is still going strong. When I go out in the field, I use this tuner exclusively, because of its light weight, small size and ability to handle any type of antenna feed line, coax or balanced line. I also use it a lot in the shack. It just is easier to use. Plus it doesn't take up very much space.

Here is the information that you need to order a ZM-2 Tuner from Emtech. First of all the url of their web page: <http://emtech.steadynet.com/>

**\*\* VISUAL SWR INDICATOR**

\*\* TUNES WIRE ANTENNAS SUCH AS --RANDOM, LONG, SHORT, that's all the wire I had!  
\*\* TUNES BALANCE FED ANTENNAS SUCH AS, LOOPS, DELTAS, DIPOLES, VERTICALS, V's.  
\*\* TUNES (from field reports) GUTTERS, WINDOW FRAMES, SWING SETS, AND -- BED SPRINGS?  
\*\* TUNES OUT COAX FED ANTENNA MISMATCHES TO MAKE THE RADIO HAPPY!  
\*\* DOES ALL THE ABOVE AT 80 THRU 10 METERS, AND USUALLY MUCH FASTER THAN OTHER ATU's!  
\*\* DID I SAY 15 WATTS MAX!  
\*\* THE ZM-2 IS A NATURAL TO GO TO THE FIELD, AND AT HOME IN THE SHACK!

An evening project for many, maybe two evenings for others. Very easy construction, via pictorial drawings.  
All parts furnished, including a stick-on panel layout. Big knobs for vernier tuning because the ZM-2 tunes so sharp.  
One large toroid to wind using a unique method that is fast and extremely easy. One small toriod to wind. Wire is furnished.  
Kit is complete, no other parts to try to find. Size is 5-1/16" x 2-5/8" x 1-5/8".  
Price is \$50.00 shipping included.

-----  
----  
To ORDER

Send a check or money order for \$50 in US funds to:

EMTECH  
1127 POINDEXTER AVE W  
BREMERTON, WA 98312

Price includes shipping. Washington residents please add 8.2% sales tax.

The above information is from the Emtech web page. Hope it helps.  
Tomorrow, #5 in the "Which Kit to Build Series", and with apologies to L.B. Cebik, I am going to recommend the best beginner antenna that I know of.  
(You will put together your own kit on this one.)

72, Doug, KI6DS

-----  
Date: Mon, 30 Aug 1999 11:37:57 -0600  
From: Brad Mugleston <bmug@gwl.com>

To: "'qrp-1'" <qrp-1@lehigh.edu>  
Subject: [48852] Identify that Transformer  
Message-ID: <01BEF2DC.1D8F2580.bmug@gwl.com>

I had some questions about how to find/identify a transformer to build a firebottle rig as described by Jim Musgrove. Stuart Rohre sent me the following information. I am repeating this with Stuarts permission.

de KI00T, Brad  
-----

Hi Brad,

I can comment on a method of transformer selection. Actually, in the olden days the filament windings of the 1950's were pretty standardized as to current ratings, so you look for those that have four windings, with in some cases a few more, than the 8 pairs four windings takes.

It goes like this, if the unit had multi primary taps for AC, you would have at least two black primary wires, and maybe black-yellow and Black-Red. But, other than military and European/world brands, most US made brands did not have multi tap primaries, so see if you have a brand name logo stamp on a prospective xmfr. Such as Stancor, Triad, CTC, UTC, Hammond, or some others older such as Kenyon. The transformers of the types most popular for ham use either had the open core with two end bells design, or the potted square design, like the Heathkits used. European brands include Philips, and those often had many lugs for multi taps on primary, or a selector Switch hard wired to the primary on pigtails marked for AC voltages between 90 and 300 VAC. Black to Black is the standard for 115 VAC input, and remember the voltage went up over the years from line standard of 110 VAC to 125 VAC now, so a 110 V transformer will put out a little more now, on modern lines.

The 5 volt tube rectifier filaments ran on Yellow, Yellow-Blue for any center tap, and another yellow. So yellow and yellow is basic and should give 5 volts AC to a filament rectifier tube, like 5U4. The other filament winding for the oscillator and amplifier tubes was 6.3 VAC or 12.6 VAC, and of course you take an unmarked transformer and hook up primary black leads and a voltmeter to find out what others give out. Remember they will read high if no tube load. You could find out the typical current drain for 5U4 and hang a 10 watt power resistor of correct resistance to produce that on the filament winding of the five volt side, and then do same for 6 or 12, and see what the voltage does to decide if you have a six or twelve winding. The regular color code for those filaments is green and green, with green-yellow center tap if any. Could also be a multiple set of filaments, and second set would be Brown, Brown-yellow tap, and Brown. Third: Slate(grey), slate-yellow, and slate. The yellow was always a stripe color in the tap winding wire.

Now the high voltage plate windings were red, red-yellow for tap, and red. Very uniform, if the transformer has color coded wire leads, and most save

military specials did have.

But, military ones which could be square or rectangular steel cases with ceramic terminals on high voltage taps, usually had lugs or screws which were id'd with a diagram of terminals on side of transformer. Only problem these days are the scratched up paint sides, but actually, I find lots of NOS transformers alone. Only in built up equipment do you see the rusted, or scratched up ones it seems.

Now as to current ratings for a transmitter. You go by the transformer volume.

It takes a certain amount of iron and copper wire to develop the current rating and so, with filaments always taking the same amount of wire and size, your main variant in making one transformer bigger, is if it was for high current high voltage vs. low current, and lower high voltage. Best to find some tube gear of which you are able to see a label, or know the rating of the HV windings, and see what volume it has say 36 cubic inches for a transmitter transformer that is rated at 500-0-500 (500 volts either side of center tap), and with 100 ma windings, for 50 watt transmitter input to tube plate. The secondary high voltage winding is probably really rated at 125 or 150 ma in those cases. This transformer, very close to what is in my Heath DX 20, also had 5 volt rectifier winding for filaments, and a 6.3 volt AC winding for oscillator tube and final tube filaments. Any transformer bigger physically and with no more windings than this probably has higher voltage and current ratings. The only tricky ones might be the CRT or oscilloscope or radar tube transformers, and invariably, they would have bigger ceramic stand off terminals for the several thousand volts, but low current CRT HV supply. Smaller 4 winding transformers, particularly those whose cores mounted vertical, with end bells coming down all the way to chassis, usually signified a receiver or lower power High voltage winding. Kilowatt sized transformers are really heavy and big, and look heavy duty. For most circuits like Jim was writing about your plate ran from 350 to 750 volts tops. Very old 1930's tubes of big glass globe round transmitting type triodes used very much higher voltages, but at often only 50 or 100 watts, even with 1000 volts on plate. By 1955, you could do 50 watts with a TV sweep tube or 6146, or many others at only 500 volts and 100 ma on plate, of a pentode.

So, to sum up, you take a "suicide cord" to ham fests, (an AC cord) and plug with insulated alligator clips on the end of cord that would normally go to transformer primary. Identify the primary winding wires or lugs, and clip on to those, and plug in to wall, preferably with an in line circuit breaker of say 2 amps. On the output of each other winding, you carefully test one at a time, to see what open circuit voltages are present vs. color of wire leads. Unplug in between voltmeter lead changes, and have alligator clips on the voltmeter leads, again, insulated, and make sure nothing crosses and shorts something, even another lug on a transformer or its case. Don't hold voltmeter leads in your hands while power is on! Tube work is shocking to the uncareful! You can in short order determine if the transformer is functional



on its windings, what they are, and if you include some power load resistors, for appropriate current drains, you can check the transformer for overheating, ie can it take your loads. Once, I got a free surplus military transformer and built it into a power supply I needed, based on voltage hookup measurements alone. Once it was drawing a load, with both sides and center tap of high voltage hooked up, it got almost red hot on the steel case. I did not know why, until I looked at both high voltage sides either side of center tap wire, under the load of the supply.

I had unequal high voltage secondary voltages being developed, because of a partial short in one winding! So that one was a wash. But, you often can find great transformers in original military packing for \$5 at ham fests, so a little time invested can save you \$50 or much more for modern tube type supply transformers!

There are lots of collectors of old transformer catalogs on Boatanchors list or other such radio groups, and the old radio magazines can help on identifying model numbers and what a given hunk of iron might do. So just go out and look, and maybe from old tube type TV set, or junker ham radio you could find a suitable glow bugs power transformer. Of course, anything with transformer case and only two leads, is a power filter choke, and again, bigger means more current rating and more inductance in henrys. Figure 10 henrys for a typical 50 watt xmtr supply filter, using the voltage and current example above. Anything less and you have to increase size of high voltage filter capacity. For 10 Hy, I think I had only 20MF or 40MF at 450 volt caps, two in series of 40MF, gives 20 MF at 900 volts rating. and thus it take four to make a Pi filter power supply. I just used to find a xmtr. in handbooks that used something for power close to parts on hand, and would copy the handbook circuits. Tubes were pretty flexible that way. If you had hum add more capacity in the DC supply, shield leads, or bypass better if it was RF induced hum. Twisting filament wires to each tube base and dressing flat to chassis helps the hum stay low. For higher power rigs, folks used shielded wiring to filaments to keep RF out, etc.

Again, the illustrations in old handbooks will teach you good layouts. The old handbooks are often \$5 or \$10 at hamfests, and maybe less at second hand book stores.

Hope this encourages you to go scrounge!

Stuart

-----  
Date: Mon, 30 Aug 1999 13:43:56 -0400



Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

Date: Mon, 30 Aug 1999 14:09:17 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Joe Gervais <vole@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48855] Re: Bubba Joe Gets Radioactive And Loves It!  
Message-ID: <Pine.3.89.9908301450.D25611-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

On Sun, 29 Aug 1999, Joe Gervais wrote:

>  
> Worked both AL7FS and KL7H in Seward's Folly,  
> 'Gator Bob N4BP down in FL, W1VT Zack in CT, and  
Nice going Joe, and certainly good to hear you! Worked several ScQRPions  
in the BUBBA - you, W5VBO (two bands), NQ7RP (three bands), AB7MY comes  
to my foggy mind.

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL  
o00o-( )-o00

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

Date: Mon, 30 Aug 1999 14:20:53 -0400  
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Cc: "'njqrp@njqrp.org'" <njqrp@njqrp.org>  
Subject: [48856] RE: Bow and Arrow PLUS hardhat  
Message-ID: <B9A5540E55F7D211BE830000D11AD11E33391E@l3c-xchg-cse.mail.cse.l-3com.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Gang,

Some have commented on the legality of slighshots in their locales.

Well let me tell you NJ is right up there when it comes to "you can't do that here"!

Plus we have among our NJQRP members a defender of the peace.

Sooo... the NJQRP'ers don't have s\_\_\_\_\_ s\_\_\_\_\_, we have "antenna launching devices" that bear some slight resemblance to the above, including the obligatory fihsing reals and game trackers.

Makes me feel like an adolescent again. As in "if I ever catch my kids doing what I did at their age, I'll kill 'em...."

Keep on slingin!

72/73,

Joe E., N2CX

-----  
Date: Mon, 30 Aug 1999 13:35:58 -0700  
From: "George T. Baker" <w5yr@swbell.net>  
To: wb5rue@stic.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48857] Re: WWVB Atomic Clock from RS  
Message-ID: <37CAEB2E.50C3B627@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

When I bought my RS clock several months ago, i turned it on and it synch'd almost immediately. Maybe I just happened to catch it just at the magic synch time! ;^)

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Kevin Muenzler WB5RUE wrote:

>

> As far as I know mine will synchronize any time I hit "reset" on the back.

> Your clock will only synchronize four times each day to save battery life

> but WWVB sends out signals all day. Mine does tend to synchronize faster at  
> night and I suspect that is because of ionospheric noise during the day.  
> WWVB might go to a higher power four times a day to get those who are  
> farther out or something like that but like I said mine will sync any time I  
> reset it.  
>  
> Kevin, WB5RUE

-----  
Date: Mon, 30 Aug 1999 12:57:38 -0600  
From: "Carl Zmola" <zmola@campbellsci.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, n4xy@att.net  
Subject: [48858] RE: The Ultimate QRP Kit Case  
Message-ID: <19990830185053948.AAA215@carl-zmola>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> Not a thing-except I'm diabetic, so I have to (try to) restrain myself.

That's why I've switched to Brown&Haley sugar free mints.  
Aspartaim is wonderfull :-)

My fear of altoids is not my blood, but my teeth. After a few  
altoids, I feel like my teeth are rotting.

Carl  
AC7BB

Carl  
zmola@campbellsci.com

-----  
Date: Mon, 30 Aug 1999 12:35:57 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'QRP-l List Server'" <qrp-l@Lehigh.edu>  
Subject: [48859] Re: Long wire??  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE03CB@hq-expo2.filenet.com>

Ron and the group, here is a URL which will give you a better idea of what  
Don Wallace's antenna farm looked like:

<http://home.swipnet.se/dx/porthole/w6am1.htm>

I don't have to tell you that his estate (on Palos Verdes, overlooking the

Pacific Ocean) is some prime real estate!

-----  
Date: Mon, 30 Aug 1999 13:55:36 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Carl Zmola <zmola@campbellsci.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48860] RE: The Ultimate QRP Kit Case  
Message-ID: <Pine.GSO.4.10.9908301354480.9478-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 30 Aug 1999, Carl Zmola wrote:

>  
> My fear of altoids is not my blood, but my teeth. After a few  
> altoids, I feel like my teeth are rotting.  
>

Hi Carl,

That's why I always put my teeth in my pocket when  
eating Altoids!

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Mon, 30 Aug 1999 14:10:42 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [48861] FS: Sierra w/ 3 bands & KC2 &c  
Message-ID: <19990830.141047.18958.2.nilsbull@juno.com>

Gang,

My older son came over this past weekend and sold me a bunch of  
computerish stuff which costs money & now I must pay Cindy for wanting to  
upgrade to something faster than this Compaq Presario.

Life's a twitch.

So I am selling the Sierra & accessories that I bought and built about 2 years ago. Price: \$300 shipped CONUS

What you get: The Sierra & documentation for the radio & modules  
(includes KC2 keyer/counter/meter &c)  
(if I find the BuzzNot blanker that was in there for a while, it's free)  
Band modules for 40m, 30m & 17m (peaked & sealed).  
Output: 40m=4W; 30m=3.5W; 17m=2.3W  
(This is the rig that got me the 1000miles/Watt award.)

Modifications: The top half is hinged to the back panel with tiny screws.  
(There is a small error in the left hand hinge. You get half a hole where there wasn't supposed to be one. My error.)  
There is a mini plug speaker jack on the back panel.  
(Speaker line is muted when headphones are inserted in the front panel jack.)  
There is a #6/32 roll nut on the bottom panel for locking it down to a carrying case so the radio is firmly held there in transit.

Extra stuffs: If you want it, I can also send (for an extra \$5) the travel radio box that I had built for carrying the entire station around. This also includes a blank box (black crackery finish) similar to the box in which I built a Z-match for use with the radio. Lots of room for battery, key, paddles, wall wart charger, headphones, log book, stuff like that. It's ain't tiny & it ain't light. But it's a complete station set up in a box.

That's the deal: Radio, three band modules, counter/meter/keyer!  
It can all be yours for just \$300! Or best offer! Operators are operating

on the spaghetti sauce! Act now! Play later!

73

Nils

-----  
Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes  
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com  
"In my day we had to FIGHT to have email! Every day was a struggle!"  
-- Comrade Sergei Nikolaievich

McTovarishov

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Mon, 30 Aug 1999 14:25:32 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [48862] The Sierra & band modules is sold!  
Message-ID: <19990830.142726.18958.5.nilsbull@juno.com>

Gang,

The subject line says it all. I gotta stop this electronic selling stuff.  
It's getting to be . . . .

73

Nils

-----  
Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes  
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com  
"In my day we had to FIGHT to have email! Every day was a struggle!"  
-- Comrade Sergei Nikolaievich

McTovarishov

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.



-----  
Date: Mon, 30 Aug 1999 17:45:15 EDT  
From: n5ib@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [48863] Re: Bow and Arrow PLUS hardhat  
Message-ID: <19990830.163529.7655.1.N5IB@juno.com>

Try using a wad of modelling clay (about the size of a peach pit) for your weight when slingshotting antennas. It's soft enough not to hurt (much) and it's not likely to break anything it hits.

How do you tie modelling clay to monofilament line, you ask?? You don't. Just sort of loop up a mess of line and mold the clay around it. If you like, wrap the whole thing in a bit of paper for cleanliness. Unless its real hot (BUBBA day??), so's the clay is real soft, it'll work fine. When the Wx is cold, just massage the clay in your hands to warm it before launching.

If it gets stuck, just pull. The line will come right out of the wad of clay. You lose the clay, but its cheap.

Jim N5IB

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Mon, 30 Aug 1999 17:58:00 EDT  
From: HWRM1SS@aol.com  
To: qrp-1@lehigh.edu, njqrp@njqrp.org  
Subject: [48864] FS: Vintage Heathkit Station - HW-101 w/accessories  
Message-ID: <6a080c4e.24fc5868@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

QRPer's

In an effort to meet tuition costs for my son's education I am again offering my beloved Vintage HW-101 station and accessories. The original deal fell through...

HW-101, Matching Heath hand mike (it's either Astatic or Turner - not sure),

brass "J-38" style key nicely mounted on wooden base, HP-23A AC Power Supply, with all original manuals -- cosmetic/good, electrical/very good -- \$300.00 plus shipping.

Matching "SB series" speaker -- cosmetic/good, electrical/very good \$60.00 plus shipping.

HP - 13A Mobile Power Supply w/all cables - cosmetic/good/electrical/very good \$95.00 plus shipping.

If you are interested in the whole package we can work something out,

Please respond here - HWRM1SS@aol.com or:

Howard Weinstein K3HW  
4041 Ridge Ave. Apt. 4-405  
Philadelphia, PA 19129

H - (215) 843 - 1180  
W - (215) 430 - 9095 ext 6473

Tnx es 72,

Howard K3HW

-----  
Date: Mon, 30 Aug 1999 17:42:40 -0500  
From: Oscar A Hoyt <k5ubs@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [48865] QRPp  
Message-ID: <19990830.174242.-130379.0.k5ubs@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Got the summer issue this last saturday, no spring issue yet. Was thinking about all way home from work today. USPS not best in my neighborhood, my IRS refund was missdelivered once. Will wait till friday before I go into panic mode. Summer issue is outstanding, puts the fun back in tinkering.

(the above is not a slam of the USPS, have lot of good friends the work/worked there)

Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Mon, 30 Aug 1999 16:47:39 -0600  
From: "Roy" <ab7ce@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48866] For sale: Ten Tec Argonaut 515  
Message-ID: <011101bef339\$aaa0c160\$15c7fad0@pavilion>

This is the classic Ten Tec SSB/CW QRP rig. Excellent condition, with box and manual. \$400.00 plus shipping. Tnx Roy AB7CE

-----  
Date: Mon, 30 Aug 1999 22:53:40 -0400  
From: Richard Arland <k7sz@epix.net>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [48867] VA Beach Hamfest  
Message-ID: <37CB43B4.18B8F3B3@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Still no definitive answer as to whether there will be any QRP forum or activity at this fest. Sure would like to know before packing up and driving the 450 miles!

73 Rich K7SZ

-----  
End of QRP-L Digest 1564

\*\*\*\*\*  
-----